

Innovation doesn't have to start from scratch

- try to start from SunaTech Inc.



SunaTech Inc.

苏州纳凯科技有限公司



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398 Ruoshui Road, Suzhou Industrial Park
Suzhou, Jiangsu 215123, China
江苏省苏州工业园区若水路398号
+86-512-6287-2180 (Tel), -2181 (Fax)
www.sunatech.com
sales@sunatech.com
2843371654 (QQ, Vivian & Dansie)



微信公众号



WeChat (微信二维码)

- OPV, OLED, OTFT
- Conjugating Polymers
- Printed Electronics
- Bioanalytics



苏州纳凯科技有限公司 (SunaTech Inc.) 是地处苏州工业园区内的一家高新技术企业, 由海归科学家与国家级研究所共同出资成立。纳凯科技拥有一支以海归博士领衔的, 具备国家级研究所科研背景的高水平研发团队, 公司自成立伊始就致力于有机光电材料的研发和相关应用研究。纳凯科技目前已在以发光金属配合物为主 **OLED** 核心材料, **OPV** 中间体和聚合物材料等体系积累了丰富的材料开发经验并形成了结构和功能丰富的材料产品库, 公司也与全球多所知名研究机构以及企业研发部门建立了稳定互信的客户关系。

公司不仅向国内外学术界和工业界广泛的客户群体提供研发用高品质有机光电材料, 同时也为客户的科技研发工作提供更宽泛的定制合成、委托开发等科研服务或者合作开发。纳凯科技在从有机电子到生物分析的多个领域拥有自己的技术经验和研发兴趣, 希望与海内外科技工作者在新材料、新能源、生命科学以及体外诊断等领域开展合作开发, 寻找解决方案。

Innovation doesn't have to start from scratch – try to start from SunaTech Inc., a chemistry company that keeps its eyes on innovative technologies.

定制合成

根据客户的具体需求定制合成特定的材料产品是纳凯科技的重要业务之一。纳凯公司拥有一批经验丰富的合成研发人员, 可以依据客户设定的结构、数量和纯度提供包括小分子化合物、金属配合物和聚合物的定制有机材料, 规格根据相应材料特点可以从毫克级到公斤级。定制合成业务可能会涉及到以下事项。

- 签订保密协议
- 查阅文献数据
- 设计合成路线
- 合成目标化合物
- 表征合成出的化合物
- 放大合成工艺
- 准备 **MSDS** 等技术文件

纳凯科技充分理解客户的保密需要, 并且建立了保护客户相关信息的公司内保密制度和措施。

如需问询定制合成, 请提供 **CAS#**, 结构式或者化学品名称等信息给我们的销售人员。

付费服务项目

纳凯科技提供的付费服务项目 (**Fee-for-service**) 模式目前是适用于生物分析方法研发一种商业合作模式, 即根据客户的要求, 使用纳凯科技所开发的抗体或蛋白质标记试剂 (例如 **SunaTag™**) 来进行生物分析技术或体外诊断技术研究。

合同研究

纳凯科技也鼓励客户与我们的研发团队开展委托开发等合同研究项目。合作项目可以是一个分子材料的合成, 一个聚合物光伏器件的制备, 一个 **OLED** 器件结构的设计, 或者发展一个检测方法。

纳凯科技得益于股东方国家级研究所的技术力量和仪器设备, 有信心有能力与合作客户共同完成高水平的研究开发。在合同履行期间, 纳凯的研发人员将保证为客户的解决方案严格保密。

利用公司网站上搜索化学品

公司的产品目录有时不能及时更新纳凯科技最新的产品研发资讯。客户可以选择从公司的官方网站 (www.sunatech.com.cn) 便捷检索产品的方式。您可以简单的输入一个关键词, 例如 "iridium", "thioph", "dibromo", 来检索所有包含铱元素、噻吩基团或双溴取代化合物的结构。您也可能从公司网站上发布的产品促销推荐单上获知技术数据或价格信息。

重要提示

1. 严格按照正确的方法使用和处理具有危险性的化合物产品。
2. 由于相当一部分纳凯科技生产的化学品或材料的存储条件可能存在认知和实验上的不足, 所以在使用时请小心谨慎。
3. 签订保密协议的定制合成化学品或材料将不会以任何形式被公开。
4. 纳凯科技会针对部分产品保有一定的库存, 但并不能保

SunaTech Inc., located in Suzhou Industrial Park, Jiangsu, China, is committed to providing support to the research and development of advanced technologies that ultimately benefit our environment and health. To this end, SunaTech produces and supplies high quality chemicals & materials and offers problem-solving solutions to the worldwide R&D activities related to energy-savings, renewable energy, life sciences and medical diagnostics. Since its incorporation, SunaTech has become a leading developer and supplier of luminescent metal complexes and intermediates of low bandgap OPV materials. While serving its customers, ranging from academia to industry and from organic electronics to bioanalytics, SunaTech is also building its expertise and developing technologies in multiple sectors.

As a small start-up company, SunaTech has a number of Ph.D. scientists with working experience in the North America, Europe, Japan and China, and energetic well-trained junior chemists, who are routinely carrying out complex, multi-step synthesis and solving difficult chemistry problems. Together with the sales staffs, they have enabled SunaTech to establish strong and trusted client relationship with many prestigious research organizations and industrial leaders.

With strong technical and information supports from its shareholders, SunaTech Inc. not only supplies chemicals and materials, but also offers cost-effective solutions to meet customers' research, development, scale-up and production needs.

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Custom Synthesis

Delivering products made to customers' specification represents a significant part of SunaTech's business. With experienced chemists performing complex and multi-step synthesis, SunaTech offers syntheses of simple small molecules and complex compounds of quantities ranging from milligrams to kilograms at competitive prices in a timely manner. This may involve the following steps.

- Signing non-disclosure agreement (NDA)
- Performing literature & database searches
- Brainstorming for efficient synthetic routes
- Synthesizing target molecules
- Characterizing the synthesized molecules
- Conducting scale-up, if required
- Preparing MSDS and other safety related documents

SunaTech understands its customers' desires in confidentiality and has established policy to protect its customers' interest in the way it protects its own interest. To inquire, please submit a CAS Registration Number, structure, or chemical name to our distributors /representatives/agents or our sales department.

Fee-for-Service Project

Fee-for-Service (FFS) mode is currently applied to the R&D of bioanalytical methods involving the use of SunaTech's proprietary reagents (such as SunaTag™) for labeling antibodies or proteins based on customers' requirements.

Contract Research

Whether making a low bandgap OPV polymer or proving an OLED device structure or developing an assay protocol, complex problem solving requires several factors working closely together. SunaTech has a facile access to state-of-the-art research and analytical equipment of Chinese Academy of Sciences. SunaTech's in-house scientists will be dedicated to client solutions during the contract period in the strictest confidence. Our efficient teamwork will contribute to the success of your project.

Searching Chemicals from SunaTech's Website

This catalog does not provide up-to-date information about SunaTech's products. Searching SunaTech's chemical/materials from its website (www.sunatech.com) is easy. You can simply type, e.g., a partial key word such as "irid", "carba", "thiop" or "dibromo" to find all the chemicals with iridium(III) atom(s), carbazole group(s), thiophene group(s) or two bromine atoms in their structures. You may also find technical data or price information from SunaTech's product promotional flyers.

Important Notices:

1. Treat all chemicals as if they were hazardous.
2. The storage conditions of many chemicals/materials produced by SunaTech are not available or have not been well realized, please treat them carefully.
3. Custom synthesized chemicals/materials covered by a NDA will not be disclosed in any manner.
4. SunaTech Inc. maintains certain quantities of chemicals in stock, but could not guarantee each listed chemical is available at any time. If we are unable to provide you with the requested items or quantities, please accept our apologies. You may also find an alternate solution by talking to our technical team.
5. The structural and spectroscopic data of some chemicals are made available on SunaTech's website. These data are for reference purpose only. NMR data of specified lots are available on request.
6. The Materials Safety Data Sheet (MSDS) of some chemicals/materials are available at our website www.sunatech.com.cn/download.asp. If you need a MSDS before placing an order, please download it from this website.
7. Chemicals or materials in this catalog are categorized according to their likely uses and/or chemical natures. SunaTech Inc. makes no representations and extends no warranties of any kind, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose, or warranty that the use of the material will not infringe any patent, copyright, trademark.
8. It is likely that uses of some chemicals or materials listed in this catalog are protected by valid patents in some countries. Buyers shall bear all risk of and liability for patent infringements when using the chemicals or materials for a purpose patented by a third party.
9. The products listed in this catalog are produced in China. The shipment and exportation of chemicals are governed by some laws and regulations, which may cause some delay, despite the stock availability.
10. The Harmonized System Codes (HS Codes) used in SunaTech's documents for customs declaration are based on the commodity classification adopted by Chinese Customs. Customers should refer to the HS codes published in their own countries in order to comply with the regulations.
11. Most of our chemicals/materials are packed in glass vials/bottles, which are wrapped with aluminum bags. It is possible that the governmental agencies of exportation/importation countries may open the packages for inspection. If this is the case and if you have any concerns about the impact on the product quality, please do not hesitate to contact us.

证所有产品任何时候都有现货。如果我们不能提供您所
要的化合物和相应数量，请接收我们诚挚的道歉。您也
可以与我们的技术人员交流探讨替代的解决途径。

5. 公司网站上提供部分产品对应的结构分析数据以及光谱数据。这些数据仅供参考。
6. 绝大多数产品的材料安全数据资料（MSDS）也可以方便的从公司网站上获取。如果您确认订购前需要一份MSDS 数据，请前往公司网站查询下载或联系销售人员。
7. 公司产品目录中的所有材料已根据它们的可能用途或产品的自然特征进行了粗略的分类。鉴于我们的经验有限，我司不确保所有的用途分类足够准确。
8. 产品目录中的一些化学品可能在一些国家受有效的专利保护。购买者在使用这些材料的过程中，请注意专利侵权的风险和责任。
9. 纳凯公司一般情况下将采用玻璃瓶外加铝箔袋真空包装的方式将产品寄送到客户手中。

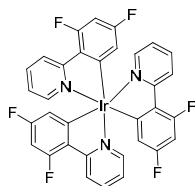
苏州纳凯科技有限公司

SunaTech Inc.

Phosphorescent Dopants-Blue

Tris[4,6-difluoro-2-(2-pyridyl)phenyl-C²,M]iridium(III)

CAT# IR606

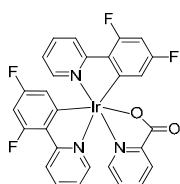


CAS# [387859-70-3]
Formula C₃₃H₁₈F₆IrN₃
FW 762.72

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,M)(2-carboxypyridyl) iridium(III)

FlrPic

CAT# IR607

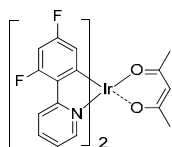


CAS# [376367-93-0]
Formula C₂₈H₁₆IrN₃O₂F₄
FW 694.67
λ_{ab} 256, 380 nm (CH₂Cl₂)
λ_{em} 468, 493 nm (CH₂Cl₂)

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,M)(acetylacetonato) iridium(III)

Ir(f-ppy)₂(acac)

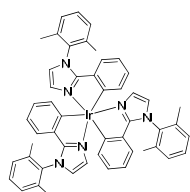
CAT# IR805



CAS# [376367-95-2]
Formula C₂₇H₁₉IrN₂O₂F₄
FW 672.12

Tris[1-(2,6-dimethyl phenyl)-2-phenyl-1H-imidazole-C²,M] iridium(III)

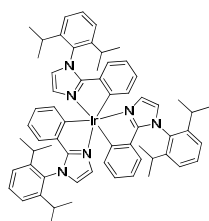
CAT# IR812



CAS# [914394-12-0]
Formula C₅₁H₄₅IrN₆
FW 934.16
λ_{ab} 250, 349 nm (CH₂Cl₂)
λ_{em} 474, 503 nm (CH₂Cl₂)

Tris[1-(2,6-diisopropylphenyl)-2-phenyl-1H-imidazole-C²,M] iridium(III)

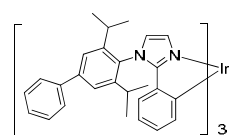
CAT# IR816



CAS# [914394-25-5]
Formula C₆₃H₆₉IrN₆
FW 1102.48
λ_{ab} 262, 350 nm (CH₂Cl₂)
λ_{em} 473, 504 nm (CH₂Cl₂)

Tris[1-(3,5-diisopropylbiphenyl-4-yl)-2-phenyl-1H-imidazole-C²,M] iridium(III)

CAT# IR817

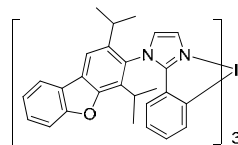


CAS# [1272505-63-1]
Formula C₈₁H₈₁IrN₆
FW 1330.77
λ_{ab} 255, 351 nm (CH₂Cl₂)
λ_{em} 474, 505 nm (CH₂Cl₂)

Tris[1-(2,4-diisopropylidibenzo[b,d]furan-3-yl)-2-phenyl-1H-imidazole-C²,M]iridium(III)

Ir(dbi)₃

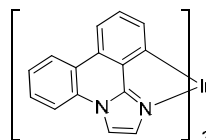
CAT# IR820



CAS# [1331833-06-7]
Formula C₈₁H₇₃IrN₆O₃
FW 1372.72
λ_{ab} 288, 353 nm (CH₂Cl₂)
λ_{em} 475, 505 nm (CH₂Cl₂)

Tris[imidazo[1,2-f]phenanthridine-C²,M]iridium(III)

CAT# IR840



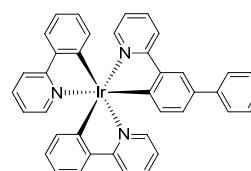
CAS#
Formula C₄₅H₂₇IrN₆
FW 843.95
λ_{em} 458 nm (CH₂Cl₂)

Phosphorescent Dopants-Green

[3-(2-Pyridinyl)[1,1'-biphenyl]-4-yl]bis[2-(2-pyridinyl)phenyl] iridium

Ir(ppy)₂(m-bppy)

CAT# IR501

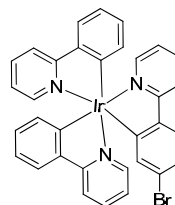


CAS# [1034145-18-0]
Formula C₃₆H₂₈IrN₃
FW 730.88

Bis(2-phenylpyridine-C²,N')(2-(4-bromophenyl)pyridine) iridium(III)

iridium(III)

CAT# IR503

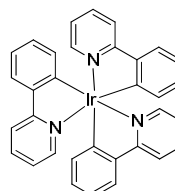


CAS# /
Formula C₃₃H₂₃BrIrN₃
FW 733.68

Tris(2-phenylpyridine-C²,N)iridium(III)

Ir(ppy)₃

CAT# IR504

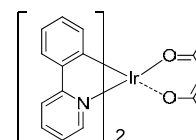


CAS# [94928-86-6]
Formula C₃₃H₂₄IrN₃
FW 654.78
λ_{ab} 243, 283, 377 nm (CH₂Cl₂)
λ_{em} 512 nm (CH₂Cl₂)

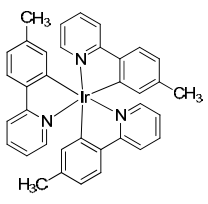
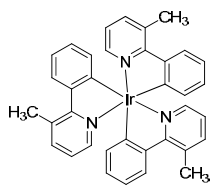
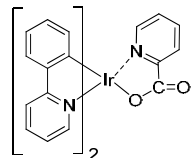
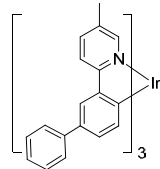
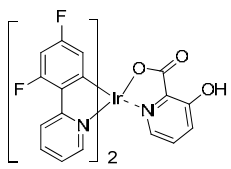
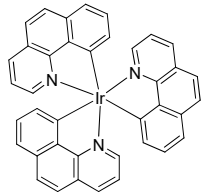
Bis(2-phenylpyridine-C²,N)(acetylacetonato)iridium(III)

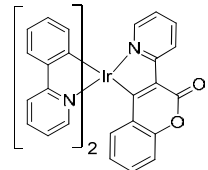
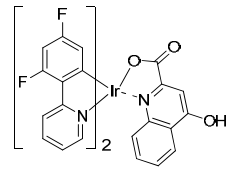
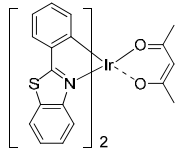
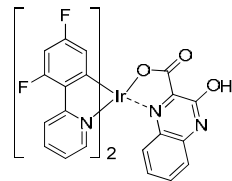
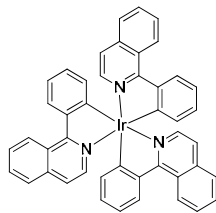
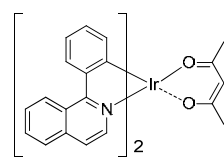
Ir(ppy)₂(acac)

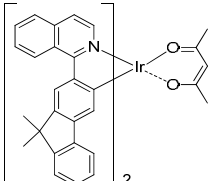
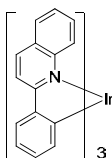
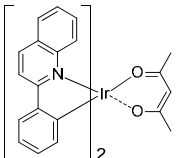
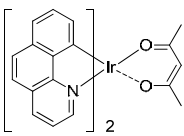
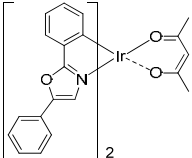
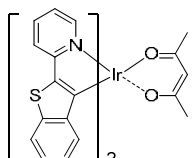
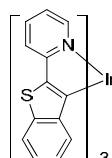
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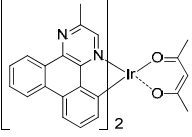
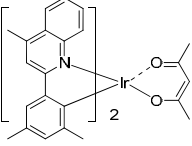
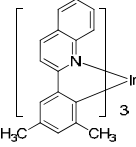
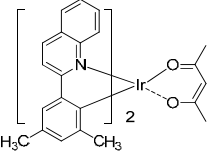
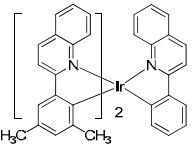
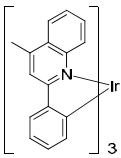
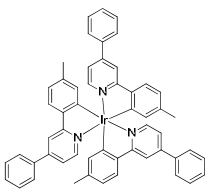


CAS# [337526-85-9]
Formula C₂₇H₂₃IrN₂O₂
FW 599.7
λ_{ab} 258, 341 nm (acetonitrile)
λ_{em} 520 nm (acetonitrile)

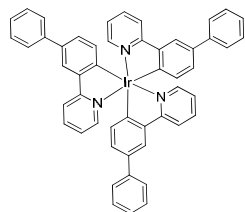
Tris(2-(p-tolyl)pyridine-C²,M)iridium(III) Ir(mppy)₃	CAT# IR506
	CAS# [149005-33-4] Formula C ₃₆ H ₃₀ IrN ₃ FW 696.86 λ _{ab} 248, 288, 373 nm (CH ₂ Cl ₂) λ _{em} 513 nm (CH ₂ Cl ₂)
Tris(3-methyl-2-phenylpyridine-C²,M)iridium(III)	CAT# IR507
	CAS# [359014-71-4] Formula C ₃₆ H ₃₀ IrN ₃ FW 696.86
Bis(2-phenylpyridine-C²,M)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III)	CAT# IR509
	CAS# / Formula C ₂₈ H ₂₀ IrN ₃ O ₂ FW 622.70
Tris(2-(biphenyl-3-yl)-5-methylpyridine)iridium(III)	CAT# IR510
	CAS# / Formula C ₅₄ H ₄₂ IrN ₃ FW 925.30 λ _{em} 512 nm (CH ₂ Cl ₂)
Phosphorescent Dopants-Yellow	
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,M)(3-hydroxy-2-carboxypyridyl) iridium(III)	CAT# IR608
	CAS# / Formula C ₂₈ H ₁₆ F ₄ IrN ₃ O ₃ FW 710.67 λ _{ab} 253, 377 nm (CH ₂ Cl ₂) λ _{em} 541 nm (CH ₂ Cl ₂)
Tris(2-benzo[h]quinoline-C²,M)iridium(III) Ir(bzq)₃	CAT# IR615
	CAS# [337526-98-4] Formula C ₃₉ H ₂₄ IrN ₃ FW 726.84 λ _{ab} 292, 346, 415 nm (CH ₂ Cl ₂) λ _{em} 553 nm (CH ₂ Cl ₂)

Bis(2-phenylpyridine-C²,M)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III) Ir(ppy)₂pc	CAT# IR508
	CAS# [1003562-42-2] Formula C ₃₆ H ₂₄ IrN ₃ O ₂ FW 722.81 λ _{ab} 290, 339, 382 nm (CH ₂ Cl ₂) λ _{em} 545 nm (CH ₂ Cl ₂)
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,M)(2-carboxy-4-hydroxyquinoline)iridium(III)	CAT# IR609
	CAS# / Formula C ₃₂ H ₁₈ F ₄ IrN ₃ O ₃ FW 760.73
Bis(2-phenylbenzothiazole-C²,M)(acetylacetonato)iridium(III) Ir(bt)₂(acac)	CAT# IR733
	CAS# [337526-88-2] Formula C ₃₁ H ₂₃ IrN ₂ O ₂ S ₂ FW 711.86 λ _{ab} 325, 356, 441nm (acetonitrile) λ _{em} 562 nm (acetonitrile)
Phosphorescent Dopants-Red	
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,M)(2-carboxy-3-hydroxyquinoxaline)iridium(III)	CAT# IR610
	CAS# / Formula C ₃₁ H ₁₇ F ₄ IrN ₄ O ₃ FW 761.71
Tris(1-phenylisoquinoline-C²,M)iridium(III) Ir(piq)₃	CAT# IR711
	CAS# [435293-93-9] Formula C ₄₅ H ₃₀ IrN ₃ FW 804.96 λ _{ab} 321,425 nm (CH ₂ Cl ₂) λ _{em} 619 nm (CH ₂ Cl ₂)
Bis(1-phenylisoquinoline-C²,M)(acetylacetonato)iridium(III) Ir(piq)₂(acac)	CAT# IR713
	CAS# [435294-03-4] Formula C ₃₅ H ₂₇ IrN ₂ O ₂ FW 699.82 λ _{ab} 234, 282, 342, 478 nm (acetonitrile) λ _{em} 587 nm (acetonitrile)

Bis(1-(9,9-dimethyl-9H-fluoren-2-yl)-isoquinoline-C²,N)(acetylacetonato)iridium(III) Ir(fliq)₂(acac) CAT# IR721	
	CAS# Formula C ₅₃ H ₄₃ IrN ₂ O ₂ FW 932.1 λ _{ab} 285, 368 nm (THF) λ _{em} 653 nm (THF)
Tris(2-phenylquinoline-C²,N)iridium(III) Ir(2-phq)₃ CAT# IR728	
	CAS# [911142-72-8] Formula C ₄₅ H ₃₀ IrN ₃ FW 804.96 λ _{ab} 273, 339, 403 nm (CH ₂ Cl ₂) λ _{em} 585 nm (CH ₂ Cl ₂)
Bis(2-phenylquinoline-C²,N)(acetylacetonato)iridium(III) Ir(2-phq)₂(acac) CAT# IR729	
	CAS# [1173886-71-9] Formula C ₃₅ H ₂₇ IrN ₂ O ₂ FW 699.82 λ _{ab} 272, 339 nm (CH ₂ Cl ₂) λ _{em} 595 nm (CH ₂ Cl ₂)
Bis(2-benzo[h]quinoline-C²,N)(acetylacetonato)iridium(III) Ir(bzq)₂(acac) CAT# IR800	
	CAS# [33 7526-87-1] Formula C ₃₁ H ₂₃ IrN ₂ O ₂ FW 647.86
Bis(2,5-diphenyloxazole-C²,N)(acetylacetonato)iridium(III) Ir(dpo)₂(acac) CAT# IR801	
	CAS# [34 4796-05-0] Formula C ₃₅ H ₂₇ IrN ₂ O ₄ FW 731.82
Bis(2-(benzo[b]thiophen-2-yl)pyridine-C³,N)(acetylacetonato)iridium(III) Ir(btpy)₂(acac) CAT# IR802	
	CAS# [343978-79-0] Formula C ₃₁ H ₂₃ IrN ₂ O ₂ S ₂ FW 711.86 λ _{ab} 279, 324, 472 nm (CH ₂ Cl ₂) λ _{em} 611 nm (CH ₂ Cl ₂)
Tris(2-(benzo[b]thiophen-2-yl)pyridinato-C³,N)iridium(III) Fac-Ir(btpy)₃ CAT# IR803	
	CAS# [405289-74-9] Formula C ₃₉ H ₂₄ IrN ₃ S ₃ FW 823.04

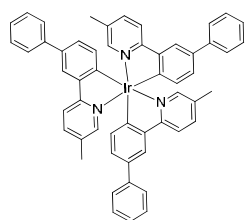
Bis(2-methyldibenzo[f,h]quinoxaline)(acetylacetonato)iridium(III) Ir(MDQ)₂(acac) CAT# IR804	
	CAS# [536755-34-7] Formula C ₃₉ H ₂₉ IrN ₄ O ₂ FW 778.22
Bis(2-(3,5-dimethylphenyl)-4-methylquinoline-C²,N)(acetylacetonato)iridium(III) CAT# IR809	
	CAS# [1452863-84-1] Formula C ₄₁ H ₃₉ IrN ₂ O ₂ FW 783.98 λ _{ab} 281, 349, 427 nm (CH ₂ Cl ₂) λ _{em} 604 nm (CH ₂ Cl ₂)
Tris(2-(3,5-dimethylphenyl)quinoline-C²,N)iridium(III) Ir(dmpq)₃ CAT# IR810	
	CAS# [1152418-56-8] Formula C ₅₁ H ₄₂ IrN ₃ FW 889.13
Bis(2-(3,5-dimethylphenyl)quinoline-C²,N)(acetylacetonato)iridium(III) Ir(dmpq)₂(acac) CAT# IR811	
	CAS# [1056874-46-4] Formula C ₃₉ H ₃₅ IrN ₂ O ₂ FW 755.94 λ _{ab} 281, 352, 429 nm (CH ₂ Cl ₂) λ _{em} 614 nm (CH ₂ Cl ₂)
Bis(2-(3,5-dimethylphenyl)quinoline-C²,N)(2-phenylquinoline)iridium(III) Ir(dmpq)₂(2-phq) CAT# IR813	
	CAS# Formula C ₄₉ H ₃₈ IrN ₃ FW 861.06
Tris(4-methyl-2-phenylquinoline-C²,N)iridium(III) Ir(mphq)₃ CAT# IR819	
	CAS# Formula C ₄₈ H ₃₆ IrN ₃ FW 847.04 λ _{ab} 271, 314, 400 nm (CH ₂ Cl ₂) λ _{em} 579 nm (CH ₂ Cl ₂)
Tris(4-phenyl-2-p-tolylpyridine-C²,N)iridium(III) CAT# IR950	
	CAS# Formula C ₅₄ H ₄₂ IrN ₃ FW 925.15 λ _{em} 570.6 nm (CH ₂ Cl ₂)

Tris[3-(2-pyridinyl-*kN*)[1,1'-biphenyl]-4-yl-*kC*]Iridium(III)
CAT# IR951



CAS# [667935-20-8]
 Formula C₅₁H₃₆IrN₃
 FW 883.07

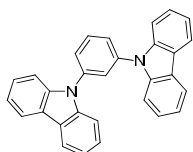
Tris[3-(5-methyl-2-pyridinyl-*kN*)[1,1'-biphenyl]-4-yl-*kC*]Iridium(III)
CAT# IR952



CAS# [872856-45-6]
 Formula C₅₄H₄₂IrN₃
 FW 925.15

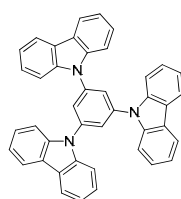
Phosphorescent Host Materials

1,3-Bis(carbazol-9-yl)benzene
MCP **CAT# PH001**



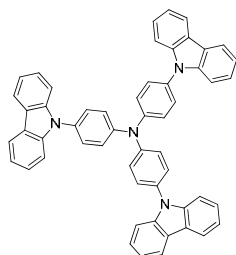
CAS# [550378-78-4]
 Formula C₃₀H₂₀N₂
 FW 408.49

1,3,5-Tris(carbazol-9-yl)benzene
TCP **CAT# PH002**



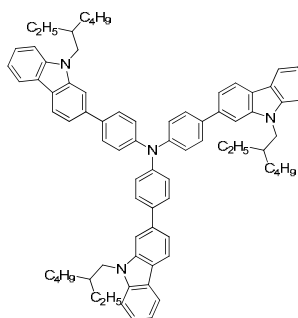
CAS# [148044-07-9]
 Formula C₄₂H₂₇N₃
 FW 573.68

4,4',4''-Tris(carbazol-9-yl)triphenylamine
TcTa **CAT# PH003**



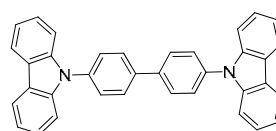
CAS# [139092-78-7]
 Formula C₅₄H₃₆N₄
 FW 740.89

Tris(4-(9-(2-ethylhexyl)-9H-carbazol-2-yl)phenyl)amine
CAT# PH013



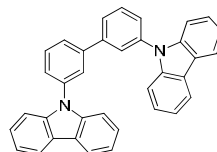
CAS# [667935-20-8]
 Formula C₇₈H₈₄N₄
 FW 1077.53

4,4'-Bis(carbazol-9-yl)biphenyl
CBP **CAT# PH004**



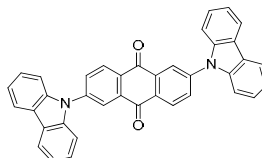
CAS# [58328-31-7]
 Formula C₃₆H₂₄N₂
 FW 484.59

3,3'-Di(9H-carbazol-9-yl)biphenyl
mCBP **CAT# PH005**



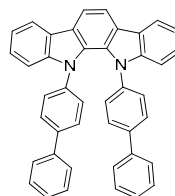
CAS# [342638-54-4]
 Formula C₃₆H₂₄N₂
 FW 484.59

2,6-Di(9H-carbazol-9-yl)anthracene-9,10-dione
CAT# PH007



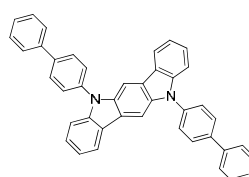
CAS# [909712-63-6]
 Formula C₃₈H₂₂N₂O₂
 FW 538.59

11,12-Di([1,1'-biphenyl]-4-yl)-11,12-dihydroindolo[2,3-*a*]carbazole
CAT# PH008



CAS# [1800386-92-8]
 Formula C₄₂H₂₈N₂
 FW 560.69

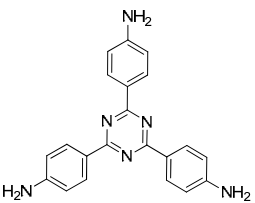
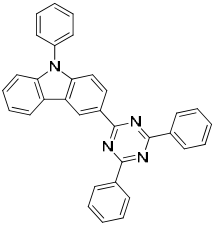
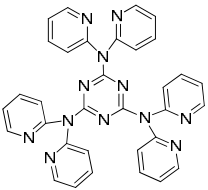
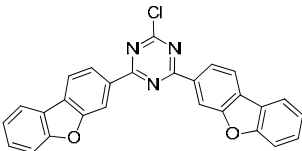
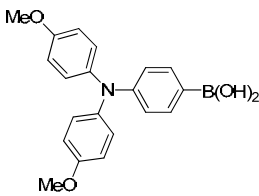
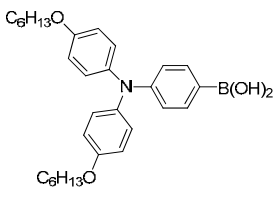
5,11-Di([1,1'-biphenyl]-4-yl)-5,11-dihydroindolo[3,2-*b*]carbazole
CAT# PH009

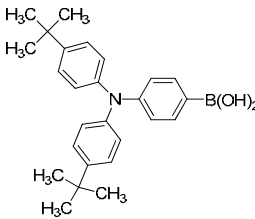
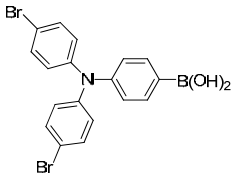
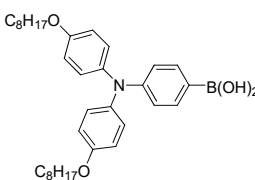
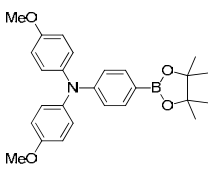
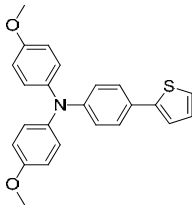
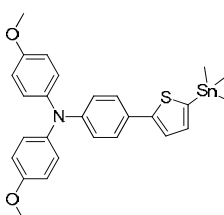


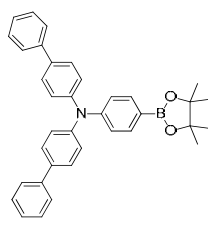
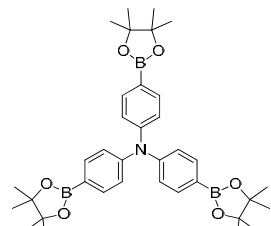
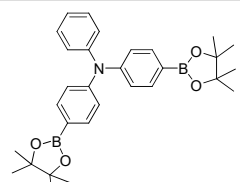
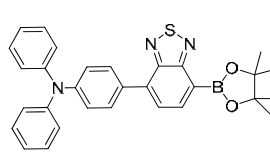
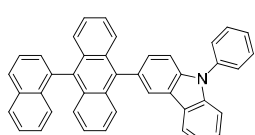
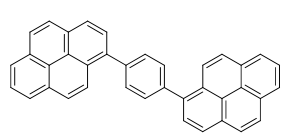
CAS# [221544-74-7]
 Formula C₄₂H₂₈N₂
 FW 560.69

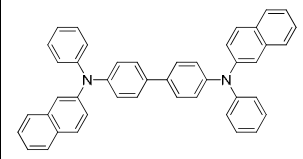
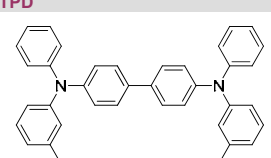
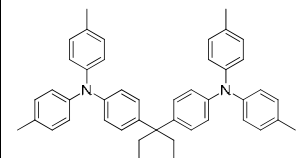
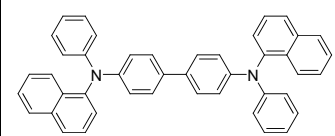
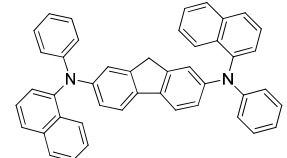
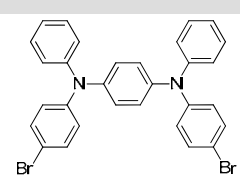
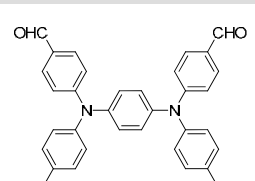
4,4',4''-Tris[2-naphthyl(phenyl)amino]triphenylamine 2-TNATA	CAT# PH010
	CAS# [185690-41-9] Formula $C_{68}H_{48}N_4$ FW 897.11
9-(3-(5-(4-(Diphenylphosphoryl)phenyl)-4-phenyl-4H-1,2,4-triazol-3-yl)phenyl)-9H-carbazole	CAT# PH015
	CAS# [185690-41-9] Formula $C_{44}H_{31}N_4OP$ FW 662.72
Phenylbis(4-(1-phenyl-3a,7a-dihydro-1H-benzo[d]imidazol-2-yl)phenyl)phosphine oxide BIPO	CAT# PH016
	CAS# [1426143-77-2] Formula $C_{44}H_{33}N_4OP$ FW 666.75
3-(Diphenylphosphoryl)-9-(4(diphenylphosphoryl)phenyl)-9H-carbazole	CAT# PH017
	CAS# [1226860-68-9] Formula $C_{42}H_{31}NO_2P_2$ FW 643.65
(5'-(3-(Diphenylphosphoryl)phenyl)-[1,1':3',1''-terphenyl]-3,3''-diyl)bis(diphenylphosphine oxide)	CAT# PH018
	CAS# [1311378-95-6] Formula $C_{60}H_{45}O_3P_3$ FW 906.92
((1,3,5-Triazine-2,4,6-triyl)tris(benzene-3,1-diyl))tris(diphenylphosphine oxide)	CAT# PH019
	CAS# [1646906-26-4] Formula $C_{57}H_{42}N_3O_3P_3$ FW 909.88

(4-(3,6-Di-tert-butyl-9H-carbazol-9-yl)phenyl)bis(4-hydroxyphenyl)phosphine oxide	CAT# PH032
	CAS# [185690-41-9] Formula $C_{38}H_{38}NO_3P$ FW 587.69
(4-(3,6-Di-tert-butyl-9H-carbazol-9-yl)phenyl)bis(3,4,5-trifluorophenyl)phosphine oxide	CAT# PH035
	CAS# [185690-41-9] Formula $C_{38}H_{22}F_6NO_2P$ FW 663.63
(4-((8-Bromooctyl)oxy)phenyl)bis(3,4,5-trifluorophenyl)phosphine oxide	CAT# PH038
	CAS# [185690-41-9] Formula $C_{28}H_{24}BrF_6O_2P$ FW 593.34
13-(4-(Bis(3,4,5-trifluorophenyl)phosphoryl)phenoxy)tridecane-2,4-dione	CAT# PH039
	CAS# [185690-41-9] Formula $C_{31}H_{31}F_6O_4P$ FW 612.54
2,4,6-Tris(3-(1H-pyrazol-1-yl)phenyl)-1,3,5-triazine	CAT# PH040
	CAS# [185690-41-9] Formula $C_{30}H_{21}N_9$ FW 507.55
2,4,6-Tris(3-(pyridin-3-yl)phenyl)-1,3,5-triazine	CAT# PH041
	CAS# [939430-26-9] Formula $C_{36}H_{24}N_6$ FW 540.62

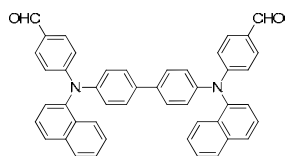
4,4',4''-(1,3,5-Triazine-2,4,6-triyl)trianiline CAT# PH042		CAS# [14544-47-9] Formula C ₂₁ H ₁₈ N ₆ FW 354.41
3-(4,6-Diphenyl-1,3,5-triazin-2-yl)-9-phenyl-9H-carbazole CAT# PH043		CAS# [1313391-57-9] Formula C ₃₃ H ₂₂ N ₄ FW 474.55
N²,N²,N⁴,N⁴,N⁶,N⁶-hexa(pyridin-2-yl)-1,3,5-triazine-2,4,6-triamine CAT# PH044		CAS# [432551-43-4] Formula C ₃₃ H ₂₄ N ₁₂ FW 588.62
2-Chloro-4,6-bis(dibenzo[<i>b</i>,<i>d</i>]furan-3-yl)-1,3,5-triazine CAT# PH045		CAS# / Formula C ₂₇ H ₁₄ ClN ₃ O ₂ FW 447.87
(4-(Bis(4-methoxyphenyl)amino)phenyl)boronic acid CAT# BA050		CAS# [201802-29-1] Formula C ₂₀ H ₂₀ BNO ₄ FW 349.19
(4-(Bis(4-hexyloxy)phenyl)amino)phenyl)boronic acid CAT# BA053		CAS# Formula C ₃₀ H ₄₀ BNO ₄ FW 489.45

(4-(Bis(4-<i>tert</i>-butyl)phenyl)amino)phenyl)boronic acid CAT# BA051		CAS# [851233-24-4] Formula C ₂₆ H ₃₂ BNO ₂ FW 401.35
(4-(Bis(4-bromophenyl)amino)phenyl)boronic acid CAT# BA052		CAS# [300700-19-0] Formula C ₁₈ H ₁₄ BBr ₂ NO ₂ FW 446.93
(4-(Bis(4-(octyloxy)phenyl)amino)phenyl)boronic acid CAT# BA055		CAS# Formula C ₃₄ H ₄₈ BNO ₄ FW 545.56
4-Methoxy-N-(4-methoxyphenyl)-N-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)aniline CAT# BA060		CAS# [875667-84-8] Formula C ₂₆ H ₃₀ BNO ₄ FW 431.33
4-Methoxy-N-(4-methoxyphenyl)-N-(4-(thiophen-2-yl)phenyl)aniline CAT# IN1959		CAS# Formula C ₂₄ H ₂₁ NO ₂ S FW 387.49
4-Methoxy-N-(4-methoxyphenyl)-N-(4-(5-(trimethylstannyl)thiophen-2-yl)phenyl)aniline CAT# IN1960		CAS# Formula C ₂₇ H ₂₉ NO ₂ SSn FW 550.30

Bis-biphenyl-4-yl-[4-(4,4,5,5-tetramethyl-1,3,2)dioxaborolan-2-yl)phenyl]-amine	
CAT# BA061	
	<p>CAS# [952431-30-0] Formula C₃₆H₃₄BNO₂ FW 523.47</p>
Tris(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)amine	
CAT# BA062	
	<p>CAS# [267221-90-9] Formula C₃₆H₄₈B₃NO₆ FW 623.20</p>
N-phenyl-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-N-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)aniline	
CAT# BA064	
	<p>CAS# [267221-89-6] Formula C₃₀H₃₇B₂NO₄ FW 497.24</p>
N,N-diphenyl-4-(7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[1,2,5]thiadiazol-4-yl)aniline	
CAT# BA063	
	<p>CAS# [267221-89-6] Formula C₃₀H₂₆BN₃O₂S FW 505.44</p>
Fluorescent Dopants	
9-(9-phenylcarbazole-3-yl)-10-(naphthalene-1-yl)anthracene	
CAT# FD001	
	<p>CAS# [475460-77-6] Formula C₄₂H₂₇N FW 545.67</p>
Fluorescent Host Materials	
1,4-Di(pyren-1-yl)benzene	
CAT# FH001	
	<p>CAS# [475460-77-6] Formula C₃₈H₂₂ FW 478.58</p>

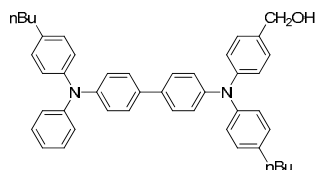
Hole Transport Materials	
N,N'-Bis(naphthalen-2-yl)-N,N'-bis(phenyl)-benzidine	
CAT# HT005	
	<p>β-NPB</p> <p>CAS# [139255-17-7] Formula C₄₄H₃₂N₂ FW 588.74 λ_{ab} 349 nm (THF) λ_{em} 416 nm (THF)</p>
N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)benzidine	
CAT# HT006	
	<p>TPD</p> <p>CAS# [65181-78-4] Formula C₃₈H₃₂N₂ FW 516.7</p>
1,1'-Bis(4-(dip-tolylamino)phenyl)cyclohexane	
CAT# HT007	
	<p>TAPC</p> <p>CAS# [58473-78-2] Formula C₄₆H₄₆N₂ FW 626.87</p>
N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-benzidine	
CAT# HT008	
	<p>α-NPB</p> <p>CAS# [123847-85-8] Formula C₄₄H₃₂N₂ FW 588.74</p>
N,N'-Di(naphthalen-1-yl)-N,N'-diphenyl-9H-fluorene-2,7-diamine	
CAT# HT010	
	<p>CAS# [273381-61-6] Formula C₄₅H₃₂N₂ FW 600.75</p>
N',N'-bis(4-bromophenyl)-N',N'-diphenylbenzene-1,4-diamine	
CAT# IN1300	
	<p>CAS# [525602-17-9] Formula C₃₀H₂₂Br₂N₂ FW 570.32</p>
4,4'-(1,4-Phenylenebis(p-tolylazanediy))dibenzaldehyde	
CAT# IN1301	
	<p>CAS# [131660-39-4] Formula C₃₄H₂₈N₂O₂ FW 496.60</p>

**4,4'-(Biphenyl-4,4'-diylbis(1-naphthalene-1-ylazanediy))
dibenzaldehyde**
CAT# IN1303



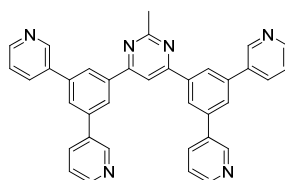
CAS# [854938-56-0]
Formula C₄₆H₃₂N₂O₂
FW 644.76

(4-((4-Butylphenyl)(4'-((4-butylphenyl)(phenyl)amino)biphenyl-4-yl)amino)phenyl)methanol
CAT# IN1005



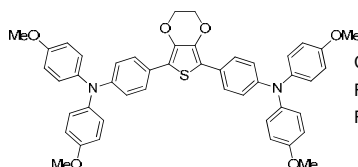
CAS# [275793-98-1]
Formula C₄₅H₄₆N₂O
FW 630.86

4,6-Bis(3,5-di(pyridin-3-yl)phenyl)-2-methylpyrimidine
CAT# HT012



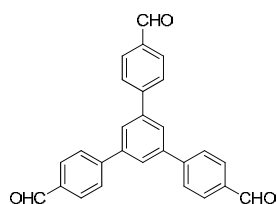
CAS# [925425-96-3]
Formula C₃₇H₂₆N₆
FW 554.64

4,4'-(2,3-Dihydrothieno[3,4-b][1,4]dioxine-5,7-diyl)bis(N,N-bis(4-methoxyphenyl)aniline)
CAT# HT035



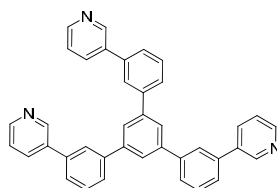
CAS# [1622008-73-4]
Formula C₄₆H₄₀N₂O₆S
FW 748.88

5'-(4-Formylphenyl)-[1,1':3',1''-terphenyl]-4,4''-dicarbaldehyde
CAT# HT014



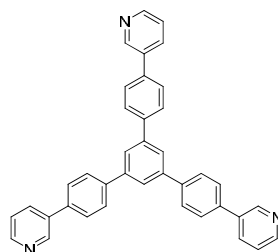
CAS# [118688-53-2]
Formula C₂₇H₁₈O₃
FW 390.43

1,3,5-Tri(m-pyrid-3-yl-phenyl)benzene
CAT# HT015



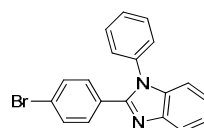
CAS# [921205-03-0]
Formula C₃₉H₂₇N₃
FW 537.65

1,3,5-Tri(p-pyrid-3-yl-phenyl)benzene
CAT# HT016



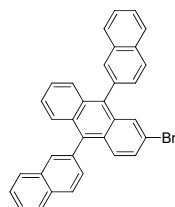
CAS# [921205-02-9]
Formula C₃₉H₂₇N₃
FW 537.65

2-(4-Bromophenyl)-1-phenyl-1H-benzo[d]imidazole
CAT# HT017



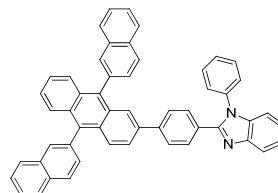
CAS# [2620-76-0]
Formula C₁₉H₁₃BrN₂
FW 349.22

2-Bromo-9,10-di(naphthalen-2-yl)anthracene
CAT# HT019



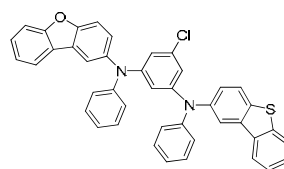
CAS# [474688-76-1]
Formula C₃₄H₂₁Br
FW 509.43.

2-(4-(9,10-Di(naphthalen-2-yl)anthracen-2-yl)phenyl)-1-phenyl-1H-benzo[d]imidazole
CAT# HT020



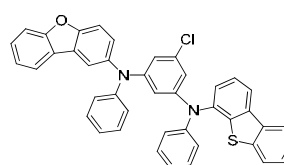
CAS# /
Formula C₅₃H₃₄N₂
FW 698.85

5-Chloro-N'-(dibenzo[b,d]furan-2-yl)-N²-(dibenzo[b,d]thiophen-2-yl)-N¹,N²-diphenylbenzene-1,3-diamine
CAT# HT042



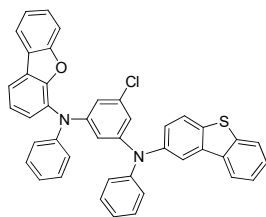
CAS# /
Formula C₄₂H₂₇ClN₂OS
FW 643.19

5-Chloro-N'-(dibenzo[b,d]furan-2-yl)-N²-(dibenzo[b,d]thiophen-4-yl)-N¹,N²-diphenylbenzene-1,3-diamine
CAT# HT043



CAS# /
Formula C₄₂H₂₇ClN₂OS
FW 643.19.

5-Chloro-N¹-(dibenzo[b,d]furan-4-yl)-N³-(dibenzo[b,d]thiophen-2-yl)-N¹,N³-diphenylbenzene-1,3-diamine
CAT# HT044



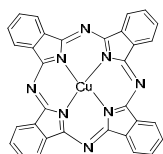
CAS# /
 Formula C₄₂H₂₇ClN₂OS
 FW 643.19

Hole Injection Materials

Phthalocyanine Copper complex

CuPc

CAT# HI001

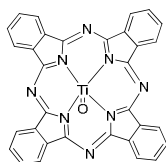


CAS# [147-14-8]
 Formula C₂₂H₁₆N₈Cu
 FW 576.07

Titanium oxide phthalocyanine

TioPC

CAT# HI002

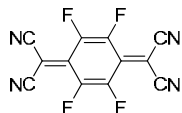


CAS# [26201-32-1]
 Formula C₃₂H₁₆N₈O₂Ti
 FW 576.39

2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane

F4-TCNQ

CAT# HI003

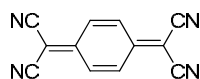


CAS# [29261-33-4]
 Formula C₁₂F₄N₄
 FW 276.15

(2,5-Cyclohexadiene-1,4-diylidene)-dimalononitrile

TCNQ

CAT# HI004

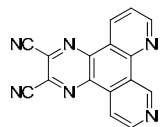


CAS# [1518-16-7]
 Formula C₁₂H₄N₄
 FW 204.19

Pyrazino[2,3-f][1,10]phenanthroline-2,3-dicarbonitrile

PPDN

CAT# HI005

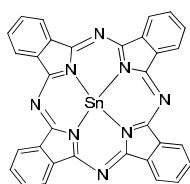


CAS# [215611-93-1]
 Formula C₁₆H₆N₆
 FW 282.26

Tin(II) Phthalocyanine

SnPC

CAT# HI006

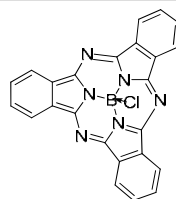


CAS# [15304-57-1]
 Formula C₃₂H₁₆N₈Sn
 FW 631.23

Boron subphthalocyanine chloride

SubPc

CAT# HI007

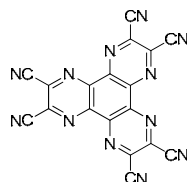


CAS# [36530-06-0]
 Formula C₂₄H₁₂BN₆Cl
 FW 430.66

Hexaazatriphenylenehexacarbonitrile

HAT-CN

CAT# HI010

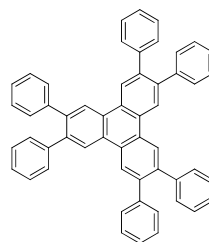


CAS# [105598-27-4]
 Formula C₁₈N₁₂
 FW 384.27

Electron Injection Materials

2,3,6,7,10,11-Hexaphenyltriphenylene

CAT# EI003



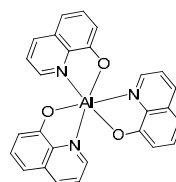
CAS# [836671-27-3]
 Formula C₅₄H₃₆
 FW 684.86

Electron Transport Materials

Tris(8-hydroxyquinolato)aluminum

Alq3

CAT# ET001

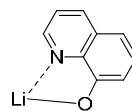


CAS# [2085-33-8]
 Formula C₂₇H₁₈AlN₃O₃
 FW 459.43

8-Hydroxyquinolinolato-lithium

Liq

CAT# ET002

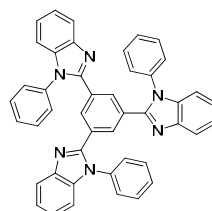


CAS# [850918-68-2]
 Formula C₉H₆LiNO
 FW 151.09

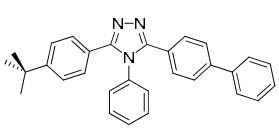
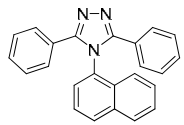
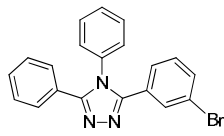
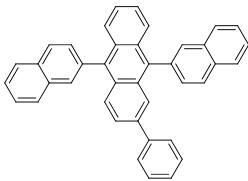
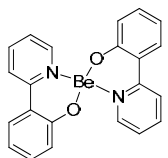
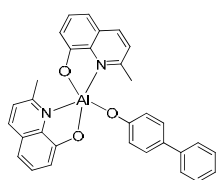
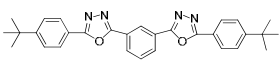
2,2',2''-(1,3,5-Benzenetriyl)tris(1-phenyl-1H-benzimidazole)

TPBi

CAT# ET003

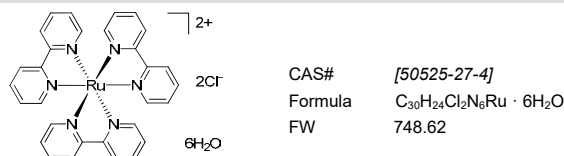


CAS# [192198-85-9]
 Formula C₄₅H₃₀N₆
 FW 654.76

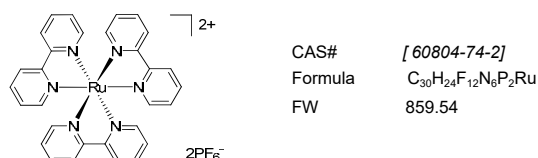
3-(4-Biphenyl)-4-phenyl-5-tert-butylphenyl-1,2,4-triazole TAZ	CAT# ET004
	CAS# [150405-69-9] Formula C ₃₀ H ₂₇ N ₃ FW 429.56
4-(Naphthalen-1-yl)-3,5-diphenyl-4H-1,2,4-triazole NTAZ	CAT# ET005
	CAS# [16152-10-6] Formula C ₂₄ H ₁₇ N ₃ FW 347.41
3-(3-Bromophenyl)-4,5-diphenyl-4H-1,2,4-triazole	CAT# ET009
	CAS# [1388231-53-5] Formula C ₂₀ H ₁₄ BrN ₃ FW 376.25
2-Phenyl-9,10-di(naphthalen-2-yl)-anthracene PADN	CAT# ET006
	CAS# [865435-20-7] Formula C ₄₀ H ₂₆ FW 506.63 λ _{ab} 284 nm (CH ₂ Cl ₂) λ _{em} 440 nm (CH ₂ Cl ₂)
Bis(2-(2-hydroxyphenyl)-pyridine)beryllium Be(PP)₂	CAT# ET007
	CAS# [220694-90-6] Formula C ₂₂ H ₁₆ BeN ₂ O ₂ FW 349.39
Bis(2-methyl-8-quinolinolato-N1,O8)-(1,1'-Biphenyl-4-olato) aluminum BAlq₃	CAT# ET008
	CAS# [146162-54-1] Formula C ₃₂ H ₂₅ AlN ₂ O ₃ FW 512.54
2,2'-(1,3-Phenylene)bis[5-(4-tert-butylphenyl)-1,3,4-oxadiazole]	CAT# ET010
	CAS# [138372-67-5] Formula C ₃₀ H ₃₀ N ₄ O ₂ FW 478.58

LEEC (Light Emitting Electrochemical Cell)

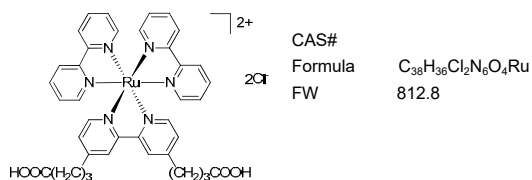
Tris(2,2'-bipyridyl)ruthenium(II)dichloride hexahydrate
CAT# RU001001001CI



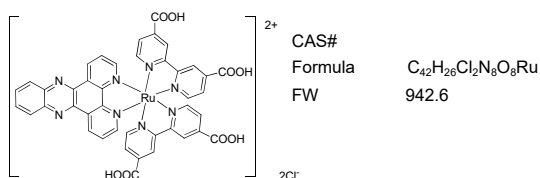
Tris(2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate
CAT# RU001001001PF6



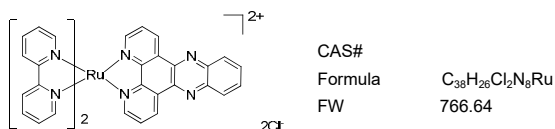
Bis(2,2'-bipyridyl)(2,2'-bipyridine-4,4'-dibutanoic acid)ruthenium(II) dichloride
CAT# RU001001442CI



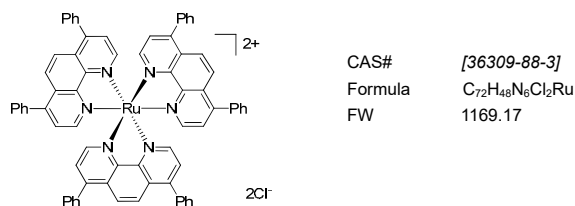
Bis(4,4'-Dicarboxyl-2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride
CAT# RU111029029CI



Bis(2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride
CAT# RU001001111CI

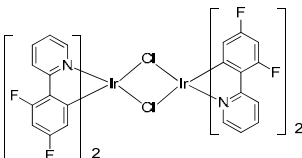
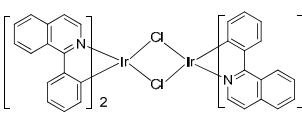
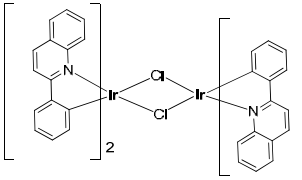
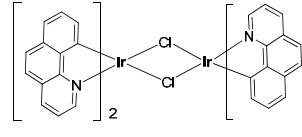
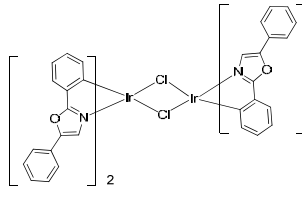
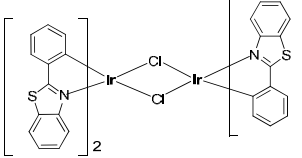
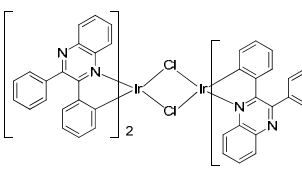


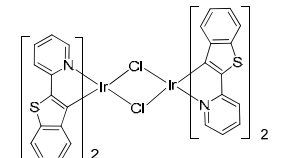
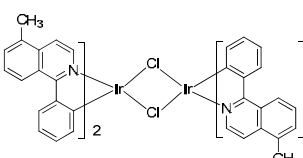
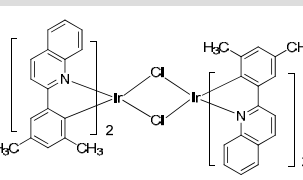
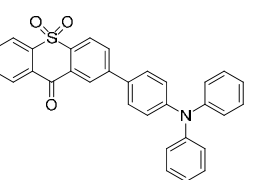
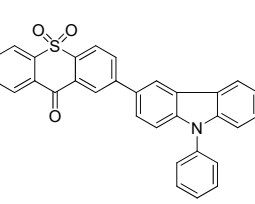
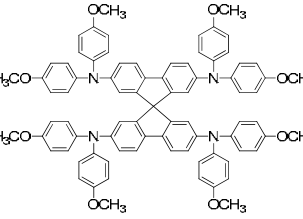
Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) dichloride
CAT# RU088088088CI



Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) bishexafluorophosphate CAT# RU08808808PF6	
	CAS# [123148-15-2] Formula $C_{72}H_{48}F_{12}N_6P_2Ru$ FW 1388.19
Tris([2,2'-bipyridine]-4,4'-diamine)ruthenium(II)dichloride CAT# RU019019019CI	
	CAS# / Formula $C_{33}H_{38}Cl_2N_{12}Ru$ FW 774.71
Bis(2,2'-bipyridyl)([2,2'-bipyridine]-4,4'-diamine)ruthenium(II) dichloride CAT# RU019001001CI	
	CAS# / Formula FW
Tris(4,4'-dicarboxylicacid-2,2'-bipyridyl)ruthenium(II) dichloride Ru(dcbpy)3Cl2 CAT# RU029029029CI	
	CAS# [97333-46-5] Formula $C_{36}H_{24}N_6O_{12}Cl_2Ru$ FW 904.59
Bis(4,4'-dicarboxylicacid-2,2'-bipyridyl)(2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate CAT# RU001029029PF6	
	CAS# Formula $C_{34}H_{24}F_{12}N_6O_8P_2Ru$ FW 1035.59

Tris(4,4'-diethoxycarbonly-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate CAT# RU037037037PF6	
	CAS# Formula $C_{48}H_{48}F_{12}N_6O_{12}P_2Ru$ FW 1291.92
Tris(4,4'-ditertbutyl-2,2'-bipyridyl)ruthenium(II) dichloride CAT# RU030030030CI	
	CAS# Formula $C_{54}H_{72}N_6Cl_2Ru$ FW 977.18
Bis(2-(benzo[b]thiophen-2-yl)pyridyl-C²,N')(2-Benzo[h]quinoline) iridium(III) chloride CAT# IR068629629CI	
	CAS# Formula $C_{38}H_{24}N_4S_2ClIr$ FW 828.1 λ_{em} 522 nm (acetonitrile)
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N')(4,4'-Di-tert-butyl-[2,2']bipyridyl) iridium(III)hexafluorophosphate CAT# Ir(fppy)2(dtbbpy)PF6	
	CAS# Formula $C_{40}H_{36}F_{10}IrN_4P$ FW 985.0
Dichloro-bridged Iridium(III) Complexes	
Tetrakis(2-phenylpyridine-C²,N')(μ-dichloro)diiridium(III) CAT# 2IR601	
	CAS# [92220-65-0] Formula $C_{44}H_{32}Cl_2Ir_2N_4$ FW 1072.09
Tetrakis(2-(p-tolyl)pyridine-C²,N')(μ-dichloro)diiridium(III) CAT# 2IR602	
	CAS# Formula $C_{48}H_{40}Cl_2Ir_2N_4$ FW 1128.22

<p>Tetrakis(4,6-difluoro-2-(2-pyridyl)phenyl-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR604</p>  <p>CAS# [562824-27-5] Formula $C_{44}H_{24}Cl_2Ir_2N_4F_8$ FW 1216.02</p>
<p>Tetrakis(1-phenylisoquinoline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR617</p>  <p>CAS# Formula $C_{60}H_{40}Cl_2Ir_2N_4$ FW 1272.33</p>
<p>Tetrakis(2-phenylquinoline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR618</p>  <p>CAS# Formula $C_{60}H_{40}Cl_2Ir_2N_4$ FW 1272.33</p>
<p>Tetrakis(benzo[h]quinoline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR621</p>  <p>CAS# Formula $C_{52}H_{32}Cl_2Ir_2N_4$ FW 1168.18</p>
<p>Tetrakis(2,5-diphenyloxazole-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR624</p>  <p>CAS# Formula $C_{60}H_{40}Cl_2Ir_2N_4O_4$ FW 1336.32</p>
<p>Tetrakis(2-phenylbenzothiazole-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR625</p>  <p>CAS# Formula $C_{52}H_{32}Cl_2Ir_2N_4S_4$ FW 1296.44</p>
<p>Tetrakis(2,3-diphenylquinoxaline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR628</p>  <p>CAS# Formula $C_{80}H_{52}Cl_2Ir_2N_8$ FW 1580.66</p>

<p>Tetrakis(2-(benzo[b]thiophen-2-yl)pyridine-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR629</p>  <p>CAS# Formula $C_{62}H_{32}Cl_2Ir_2N_4S_4$ FW 1296.44</p>	
<p>Tetrakis(5-methyl-1-phenylisoquinoline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR632</p>  <p>CAS# Formula $C_{64}H_{48}Cl_2Ir_2N_4$ FW 1328.46</p>	
<p>Tetrakis(2-(3,5-Dimethylphenyl)quinoline-C^2,N')(μ-dichloro)diiridium(III)</p> <p style="text-align: right;">CAT# 2IR633</p>  <p>CAS# Formula $C_{68}H_{56}Cl_2Ir_2N_4$ FW 1384.54</p>	
<p>TADF Materials</p>	
<p>2-[4-(Diphenylamino) phenyl]-10, 10-dioxide-9H-thioxanthen-9-one</p> <p style="text-align: right;">TXO-TPA CAT# TF001</p>  <p>CAS# [1623010-63-8] Formula: $C_{31}H_{21}NO_3S$ FW: 487.57 UV: 396 nm (in Toluene) PL: 625 nm (film) TGA: >250 °C (0.5% weight loss)</p>	
<p>2-(9-Phenyl-9H-carbazol-3-yl)-10,10-dioxide-9H-thioxanthen-9-one</p> <p style="text-align: right;">TXO-PhCz CAT# TF002</p>  <p>CAS# [1623010-64-9] Formula: $C_{31}H_{19}NO_3S$ FW: 485.55 UV: 415 nm (in Toluene) PL: 570 nm (film) TGA: >250 °C (0.5% weight loss)</p>	
<p>OPV & OTFT Materials/ Monomer/ Intermediates</p>	
<p>2,2',7,7'-Tetrakis(N,N-p-dimethoxyphenylamino)-9,9'-spirobifluorene</p> <p style="text-align: right;">Spiro-MeOTAD CAT# OP001</p>  <p>CAS# [207739-72-8] Formula: $C_{61}H_{68}N_4O_8$ FW: 1225.43</p>	

<p><i>N,N',N'',N''',N''',N''',N''',N'''</i>-octaphenyl-9,9'-spirobi[fluorene]-2,2',7,7'-tetraamine</p> <p>Spiro-TAD CAT# OP005</p>	
	<p>CAS# [189363-47-1] Formula C₇₃H₅₂N₄ FW 985.22</p>
<p>2,2'-(2Z,2'Z)-((4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(3-oxo-2,3-dihydro-1H-indene-2,1-diyliidene)dimalononitrile</p> <p>IDIC CAT# OP011</p>	
	<p>CAS# [1883441-92-6] Formula C₆₆H₆₆N₄O₂S₂ FW 1011.39</p>
<p>2,2'-(2Z,2'Z)-((4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diyliidene)dimalononitrile</p> <p>IDIC-4F CAT# OP012</p>	
	<p>CAS# [2229934-71-6] Formula C₆₈H₆₂F₄N₄O₂S₂ FW 1083.35</p>
<p>IDIC-C16-Br CAT# OP013</p>	
	<p>CAS# / Formula C₆₆H₆₄Br₂N₄O₂S₂ FW 1169.18</p>
<p>2,2'-(2Z,2'Z)-((4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diyliidene)dimalononitrile</p> <p>IDIC-4Cl CAT# OP014</p>	
	<p>CAS# / Formula C₆₆H₆₂Cl₄N₄O₂S₂ FW 1149.17</p>
<p>2,2'-(2Z,2'Z)-((4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(3-oxo-2,3-dihydro-1H-indene-2,1-diyliidene)dimalononitrile</p> <p>IDT-IC CAT# OP021</p>	
	<p>CAS# [2095504-33-7] Formula C₉₀H₈₂N₄O₂S₂ FW 1315.77</p>

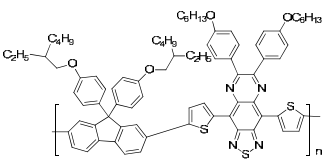
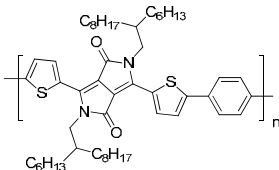
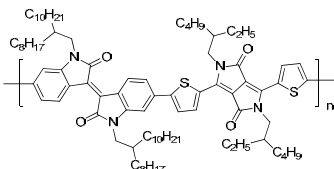
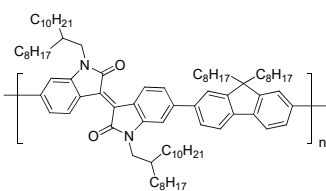
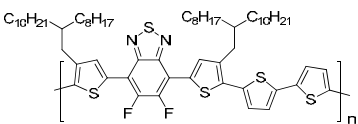
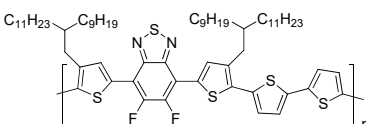
<p>2,2'-(2Z,2'Z)-((5,5'-(4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(4-(2-ethylhexyloxy)thiophene-5,2-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diyliidene)dimalononitrile</p> <p>IEICO-4F CAT# OP023</p>	
	<p>CAS# [2089044-02-8] Formula C₁₁₄H₁₁₄F₄N₄O₄S₄ FW 1808.40</p>
<p>(5Z,5'Z)-5,5'-(7,7'-(4,4,9,9-tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl)bis(methanylylidene))bis(3-ethylthiazolidine-2,4-dione)</p> <p>IDTBR CAT# OP025</p>	
	<p>CAS# [2077945-91-4] Formula C₇₂H₈₈N₆O₂S₈ FW 1326.03</p>
<p>2,2'-[[6,6,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-diyl]bis[methylidyne(3-oxo-1H-indene-2,1(3H)-diylidene)]]bispropanedinitrile</p> <p>ITIC CAT# OP031</p>	
	<p>CAS# [1664293-06-4] Formula C₈₄H₈₂N₄O₂S₄ FW 1427.94</p>
<p>3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6,7-difluoro)-indanon e)-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p>IT-4F, ITIC-2F CAT# OP032</p>	
	<p>CAS# [2097998-59-7] Formula C₉₄H₇₈F₄N₄O₂S₄ FW 1499.90</p>
<p>IT-M CAT# OP035</p>	
	<p>CAS# [2107971-73-1] Formula C₉₆H₈₆N₄O₂S₄ FW 1456.00</p>
<p>Propanedinitrile, 2, 2'-[[4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydrothieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-diyl]bis[methylidyne(3-oxo-1H-indene-2,1(3H)-diylidene)]]bis-</p> <p>IIHIC CAT# OP040</p>	
	<p>CAS# [2127354-15-6] Formula C₉₀H₈₀N₄O₂S₄ FW 1377.88</p>

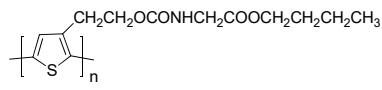
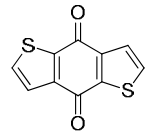
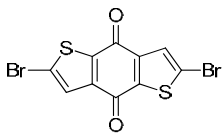
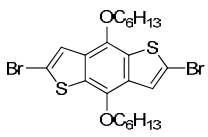
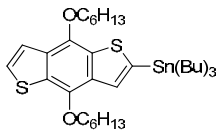
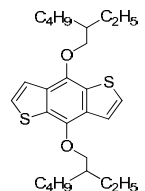
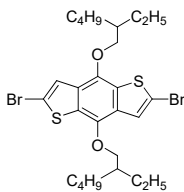
<p>(5Z,5'Z)-5,5'-(7,7'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl)bis(methanylylidene)bis(3-ethyl-2-thioxothiazolidin-4-one)</p> <p>FBR CAT# OP045</p>		<p>CAS# [1644381-95-2] Formula C₅₃H₅₆N₆O₂S₆ FW 1001.44</p>
<p>(5Z,5'Z)-5,5'-(7,7'-(6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl)bis(methanylylidene)bis(3-ethyl-2-thioxothiazolidin-4-one)</p> <p>IDFBR CAT# OP048</p>		<p>CAS# [2088628-64-0] Formula C₇₆H₉₂N₆O₂S₆ FW 1313.97</p>
<p>2,2'-(2Z,2'Z)-((12,13-bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene)bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)) dimalononitrile</p> <p>Y6 CAT# OP050</p>		<p>CAS# [2304444-49-1] Formula C₈₂H₈₆F₄N₆O₂S₅ FW 1451.93</p>
<p>ZR1 CAT# ZR1</p>		<p>CAS# [1100243-40-0] Formula C₉₈H₁₂₄N₂O₂S₁₄ FW 1810.96</p>
<p>Copper(II)1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine</p> <p>F16CuPC CAT# OE001</p>		<p>CAS# [14916-87-1] Formula C₃₂N₈F₁₆Cu FW 863.92 λ_{em} 590 nm (THF)</p>
<p>9'-(Anthracen-2-yl)-3,3'',6,6''-tetra-tert-butyl-9'H-9,3':6',9''-tercarbazole</p> <p>CAT# OE002</p>		<p>CAS# [1332640-08-0] Formula C₆₆H₆₃N₃ FW 898.23</p>

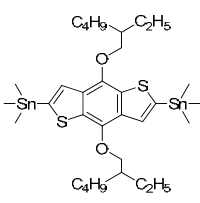
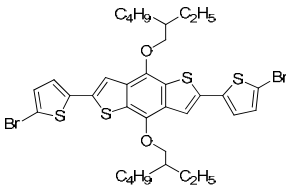
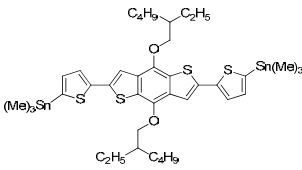
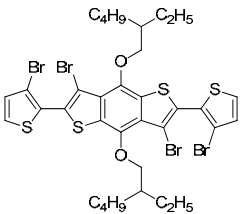
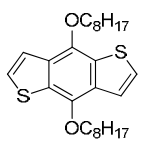
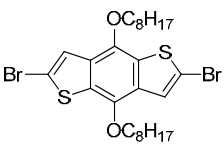
<p>CAT# OP002</p>		<p>Custom synthesis Please inquire</p>
<p>CAT# OP003</p>		<p>Custom synthesis Please inquire</p>
<p>Poly[n-(1-octylonyl)-9H-carbazole-2,7-diyl]</p> <p>PCz CAT# Sunamer503</p>		<p>CAS# [1093292-01-3] Formula (C₂₉H₄₁N)_n</p>
<p>Poly[[9-(1-octylonyl)-9H-carbazole-2,7-diyl]-2,5-thiophenediyl-2,1,3-benzothiadiazole-4,7-diyl-2,5-thiophenediyl]</p> <p>PCDTBT CAT# Sunamer502</p>		<p>CAS# [958261-50-2] Formula (C₄₃H₄₇N₃S₃)_n</p>
<p>Poly(2,7-bis(2-octylododecyl)benzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone-4,9-diyl)([2,2']bithiophenyl-5,5'-diyl)</p> <p>N2200 CAT# Sunamer901</p>		<p>CAS# [1100243-40-0] Formula (C₆₂H₉₀N₂S₂O₄)_n</p>
<p>CAT# Sunamer902</p>		<p>CAS# [1100243-40-0] Formula (C₆₂H₉₀N₂S₂O₄)_n</p>
<p>CAT# Sunamer101</p>		<p>CAS# [1332640-08-0] Formula C₆₆H₆₃N₃ FW 898.23</p>

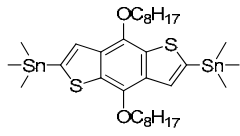
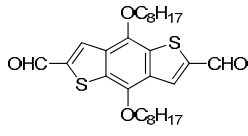
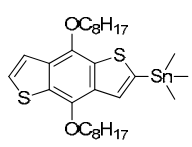
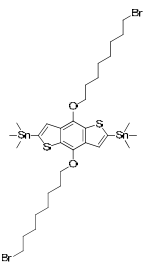
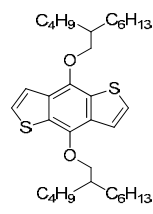
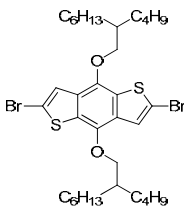
CAT# Sunamer102	
<p>Poly[[4,8-bis(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl][3-fluoro-2-((2-ethylhexyl)carbonyl)thieno[3,4-b]thiophenediyl]]</p>	
PTB7	CAT# Sunamer103
	<p>CAS# [1266549-31-8] Formula (C₄₁H₅₃FO₄S₄)_n</p>
<p>Poly-[[4,8-bis(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-[3-fluore-2-(octyloxy)-carbonylthieno[3,4-b]thiophene-4,6-diyl]]</p>	
PTB4	CAT# Sunamer104
	<p>CAS# Formula (C₄₁H₅₃FO₄S₄)_n</p>
<p>Poly[[4,8-bis(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-[3-fluore-2-(octyloxy)-carbonylthieno[3,4-b]thiophene-4,6-diyl]]</p>	
PTB-TH	CAT# Sunamer105
	<p>CAS# [1469791-66-9] Formula (C₄₉H₅₉FO₂S₆)_n</p>
<p>Poly[[2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene)-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione)]]</p>	
PBDB-T	CAT# Sunamer107
	<p>CAS# [145929-80-4] Formula (C₆₈H₇₈O₂S₈)_n</p>

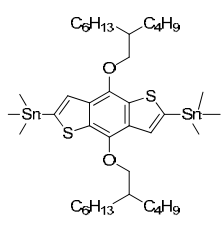
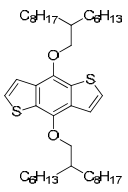
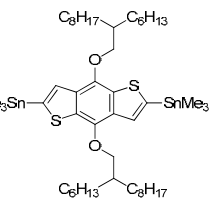
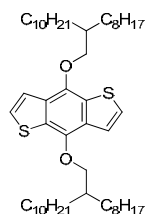
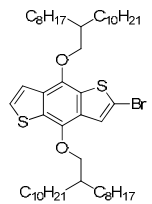
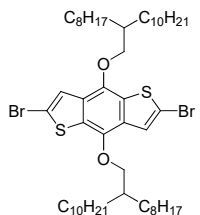
CAT# PM6	
<p>Poly[[2,6-(4,8-bis(5-(2-ethylhexyl-3-fluoro)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene)-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione)]]</p>	
	<p>CAS# [1802013-83-7] Formula</p>
PBDB-T-2F	CAT# Sunamer108
<p>Poly[[5,6-difluoro-2-octyl-2H-benzotriazole-4,7-diyl]-2,5-thiophenediyl [4,8-bis[5-(2-hexyldecyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]</p>	
J51	CAT# Sunamer108
	<p>CAS# [1393529-03-7] Formula</p>
<p>Poly[[9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-alt-2,7-(9,9-iodylfluorene)]]</p>	
PFN	CAT# Sunamer301
	<p>CAS# [673474-74-3] Formula (C₅₂H₇₀N₂)_n</p>
<p>Poly[[4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-(4-(2-ethylhexyl)-3-fluorothieno[3,4-b]thiophene-2-carboxylate-2,6-diyl)]</p>	
PTB-TH	CAT# Sunamer401
	<p>CAS# Formula (C₅₂H₇₀N₂)_n</p>
<p>Poly[[2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene)-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione)]]</p>	
PTZ1	CAT# Sunamer407
	<p>CAS# [2029196-34-5] Formula</p>

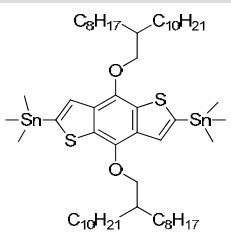
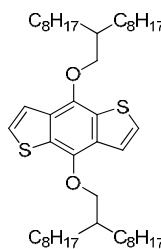
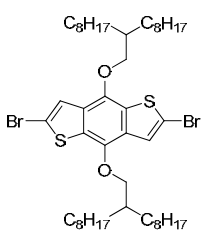
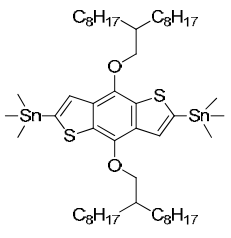
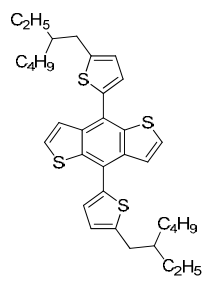
<p>Poly[9,9-bis(4-(2-ethylhexyl)phenyl)fluorene-<i>alt</i>-co-6,7-bis(4-(hexyloxy)phenyl)-4,9-di(thiophen-2-yl)-thiadiazoloquinoxaline]</p> <p>PFTTQ CAT# Sunamer501</p>  <p>CAS# Formula $(C_{81}H_{88}N_4O_2S_3)_n$</p>
<p>Poly[2,5-bis(2-hexyldecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl-<i>alt</i>-[2,2'-(1,4-phenylene)bisthiophene]-5,5'-diyl]</p> <p>PDPPTT CAT# Sunamer701</p>  <p>CAS# Formula $(C_{52}H_{74}N_2O_2S_2)_n$</p>
<p>Poly[(<i>E</i>)-1,1'-bis(2-octyldecyl)-[3,3'-biindolinylidene]-2,2'-dione-6,6'-diyl][9,9-dioctyl-9H-fluorene-2,7-diyl]</p> <p>PDPIID CAT# Sunamer702</p>  <p>CAS# Formula</p>
<p>PFIID CAT# Sunamer703</p>  <p>CAS# Formula</p>
<p>Poly[(5,6-difluoro-2,1,3-benzothiadiazol-4,7-diyl)-<i>alt</i>-(3,3''-di(2-octyldecyl)-2,2';5',2'';5'',2'''-quaterthiophen-5,5'''-diyl)]</p> <p>PffBT4T-2OD CAT# Sunamer505</p>  <p>CAS# [1644164-62-4] Formula $(C_{64}H_{94}F_2N_2S_5)_n$</p>
<p>PffBT4T-C9C13 CAT# Sunamer506</p>  <p>CAS# Formula $(C_{68}H_{102}F_2N_2S_5)_n$</p>

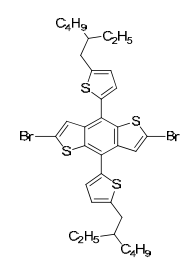
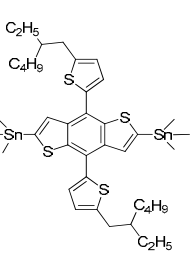
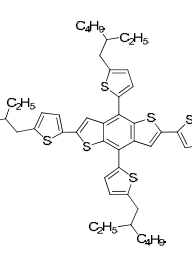
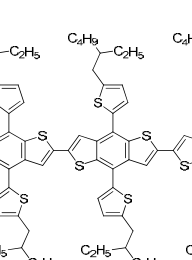
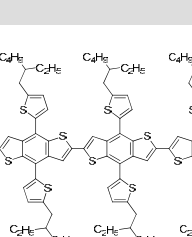
<p>Poly[2(3-thienyl)ethanol n-butoxycarbonylmethylurethane]</p> <p>PURET CAT# Sunamer801</p>  <p>CAS# Formula</p>
<p>Monomer-BDT Series</p>
<p>4,8-Dihydrobenzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene-4,8-dione</p> <p>BDT CAT# OC1016</p>  <p>CAS# [32281-36-0] Formula $C_{10}H_4O_2S_2$ FW 220.27</p>
<p>2,6-Dibromobenzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene-4,8-dione</p> <p>CAT# OC1116</p>  <p>CAS# [196491-93-7] Formula $C_{10}H_2Br_2O_2S_2$ FW 378.06</p>
<p>2,6-Dibromo-4,8-bis(hexyloxy)benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene</p> <p>CAT# IN1193</p>  <p>CAS# [359017-65-5] Formula $C_{22}H_{28}Br_2O_2S_2$ FW 548.39</p>
<p>(4,8-Bis(hexyloxy)benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophen-2-yl)tributylstannane</p> <p>CAT# IN1793</p>  <p>CAS# / Formula $C_{34}H_{56}O_2S_2Sn$ FW 679.65</p>
<p>4,8-Bis(2-ethylhexyloxy)benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene</p> <p>BDT-OEH CAT# IN1055</p>  <p>CAS# [1 160823-77-7] Formula $C_{26}H_{38}O_2S_2$ FW 446.71</p>
<p>2,6-Dibromo-4,8-bis(2-ethylhexyloxy)benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene</p> <p>2Br-BDT-OEH CAT# IN1056</p>  <p>CAS# [1226782-13-3] Formula $C_{26}H_{36}Br_2O_2S_2$ FW 604.50</p>

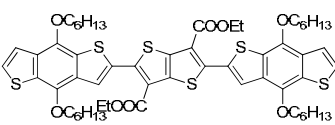
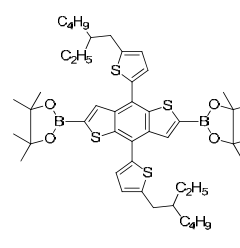
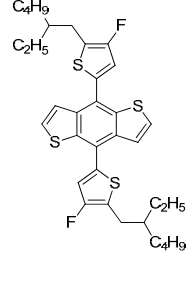
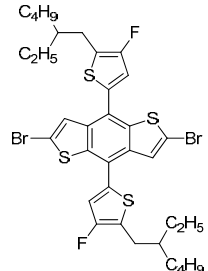
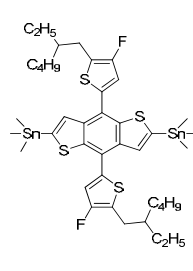
<p>2,6-Bis(trimethyltin)-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene 2Sn-BDT-OEH CAT# IN1016</p>  <p>CAS# [1160823-78-8] Formula C₃₂H₅₄O₂S₂Sn₂ FW 772.32</p>
<p>2,6-Bis(5-bromothiophen-2-yl)-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Sn-BDT-OEH CAT# IN1187</p>  <p>CAS# [1160823-78-8] Formula C₃₄H₄₀Br₂O₂S₄ FW 768.75</p>
<p>(5,5'-(4,8-Bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(thiophene-5,2-diyl))bis(trimethylstannane) 2Sn-BDT-OEH CAT# IN1888</p>  <p>CAS# [1160823-78-8] Formula C₄₀H₅₈O₂S₄Sn₂ FW 936.57</p>
<p>3,7-Dibromo-2,6-bis(3-bromothiophen-2-yl)-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Sn-BDT-OEH CAT# IN1886</p>  <p>CAS# [1160823-78-8] Formula C₃₄H₃₈Br₄O₂S₄ FW 926.54</p>
<p>4,8-Dioctyloxybenzo[1,2-b:3,4-b']dithiophene BDT-OCT CAT# IN1130</p>  <p>CAS# [1098102-94-3] Formula C₂₆H₃₈O₂S₂ FW 446.71</p>
<p>2,6-Dibromo-4,8-bis(octyloxy)benzo[1,2-b:4,5-b']dithiophene 2Br-BDT-OCT CAT# IN1131</p>  <p>CAS# [1294515-75-5] Formula C₂₆H₃₆Br₂O₂S₂ FW 604.50</p>

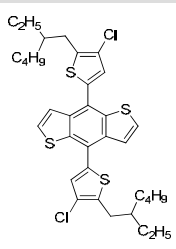
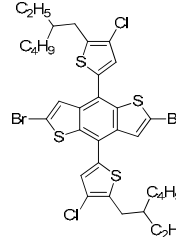
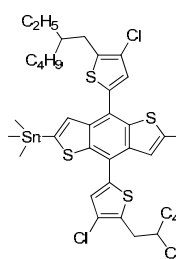
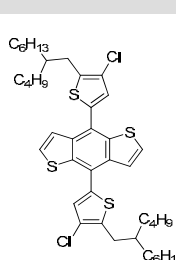
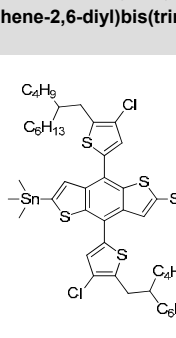
<p>2,6-Bis(trimethyltin)-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene 2Sn-BDT-OCT CAT# IN1132</p>  <p>CAS# [1098102-95-4] Formula C₃₂H₅₄O₂S₂Sn₂ FW 772.32</p>
<p>2,6-Dicarbaldehyde-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene 2Sn-BDT-OCT CAT# IN1133</p>  <p>CAS# [1668554-22-0] Formula C₂₈H₃₈O₄S₂ FW 502.73</p>
<p>(4,8-Bis(octyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)trimethylstannane 2Sn-BDT-OCT CAT# IN1134</p>  <p>CAS# [1625696-07-2] Formula C₂₈H₄₆O₂S₂Sn FW 609.51</p>
<p>(4,8-Bis((8-bromooctyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OEH CAT# IN1883</p>  <p>CAS# [1160823-78-8] Formula C₃₂H₅₂Br₂O₂S₂Sn₂ FW 930.11</p>
<p>4,8-Bis((2-butyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OBO CAT# IN1140</p>  <p>CAS# [1321590-78-6] Formula C₃₄H₅₄O₂S₂ FW 558.92</p>
<p>2,6-Dibromo-4,8-bis((2-butyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Br-BDT-OBO CAT# IN1141</p>  <p>CAS# [1336893-15-2] Formula C₃₄H₅₂Br₂O₂S₂ FW 716.71</p>

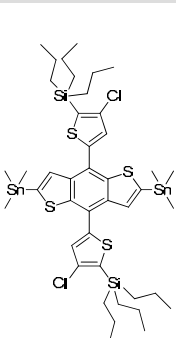
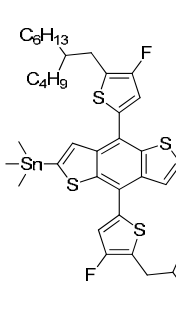
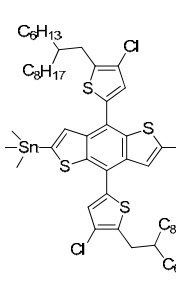
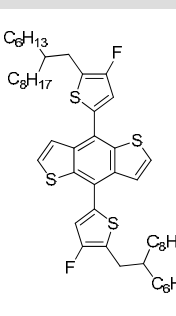
(4,8-Bis((2-butyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OBO		CAT# IN1142	
	CAS# [1271439-08-7] Formula $C_{40}H_{70}O_2S_2Sn_2$ FW 884.53		
4,8-Bis((2-hexyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OOD		CAT# IN1146	
	CAS# [1254985-73-3] Formula $C_{42}H_{70}O_2S_2$ FW 671.13		
(4,8-Bis((2-hexyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OOD		CAT# IN1149	
	CAS# [1254985-74-4] Formula $C_{48}H_{86}O_2S_2Sn_2$ FW 996.75		
4,8-Bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OODD		CAT# IN1160	
	CAS# [1320201-19-1] Formula $C_{50}H_{86}O_2S_2$ FW 783.35		
2-Bromo-4,8-bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Br-BDT-OOD		CAT# IN1189	
	CAS# [1320201-19-1] Formula $C_{50}H_{86}BrO_2S_2$ FW 862.24		
2,6-Dibromo-4,8-bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Br-BDT-OODD		CAT# IN1161	
	CAS# [1320201-19-1] Formula $C_{50}H_{84}Br_2O_2S_2$ FW 941.14		

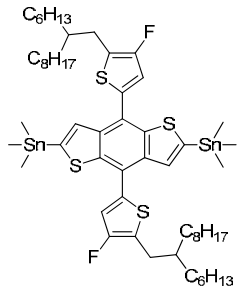
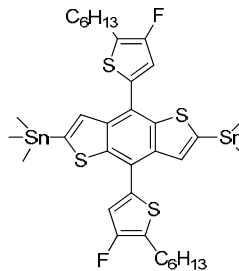
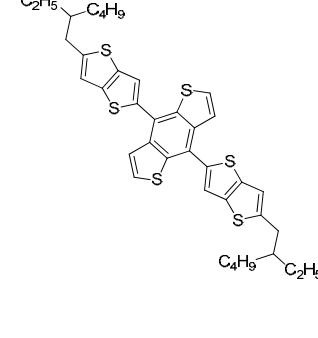
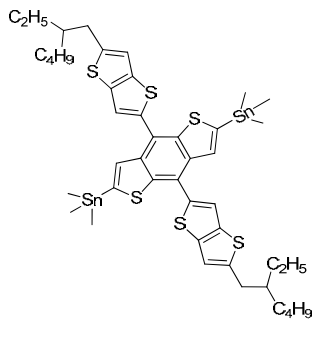
(4,8-Bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OODD		CAT# IN1162	
	CAS# [1320201-22-6] Formula $C_{56}H_{102}O_2S_2Sn_2$ FW 1108.96		
4,8-Bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OOD		CAT# IN1150	
	CAS# [1320201-22-6] Formula $C_{46}H_{78}O_2S_2$ FW 727.24		
2,6-Dibromo-4,8-bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene 2Br-BDT-OOD		CAT# IN1151	
	CAS# [1320201-22-6] Formula $C_{46}H_{78}Br_2O_2S_2$ FW 885.03		
(4,8-Bis((2-octyldecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OOD		CAT# IN1152	
	CAS# [1320201-22-6] Formula $C_{52}H_{94}O_2S_2Sn_2$ FW 1052.85		
4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene 2Sn-BDT-OOD		CAT# IN1170	
	CAS# [1352642-35-3] Formula $C_{34}H_{42}S_4$ FW 578.96		

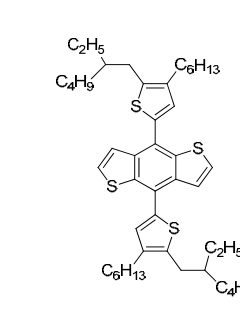
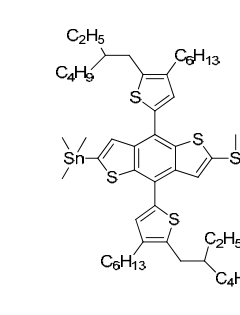
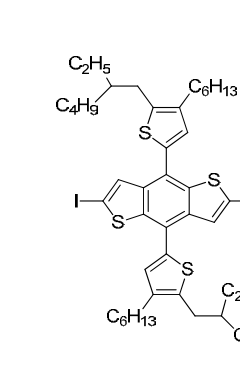
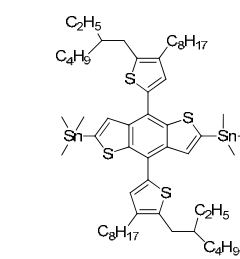
2,6-Dibromo-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1171	 <p>CAS# [1482447-24-4] Formula C₃₄H₄₆Br₂S₄ FW 736.75</p>
2,6-Bis(trimethyltin)-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1172	 <p>CAS# [1352642-37-5] Formula C₄₀H₅₈S₄Sn₂ FW 904.57</p>
2,4,6,8-Tetrakis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1769	 <p>CAS# / Formula C₅₈H₇₈S₆ FW 967.63</p>
4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene CAT# IN1779	 <p>CAS# / Formula C₁₀₂H₁₂₂S₁₂ FW 1732.84</p>
4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-[2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene]-6,6''-dicarbaldehyde CAT# IN1772	 <p>CAS# / Formula C₁₀₄H₁₂₂O₂S₁₂ FW 1788.86</p>

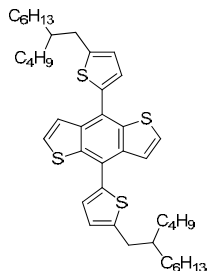
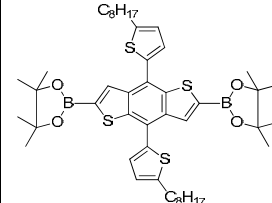
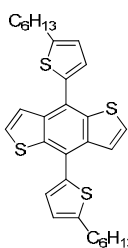
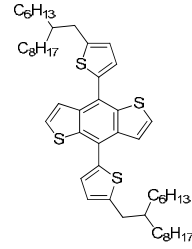
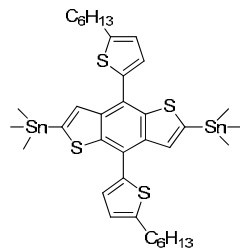
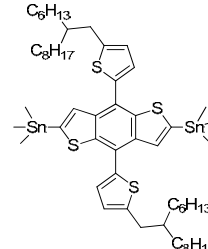
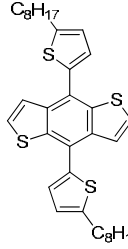
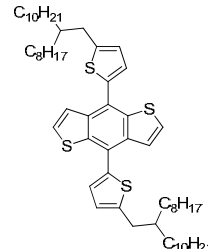
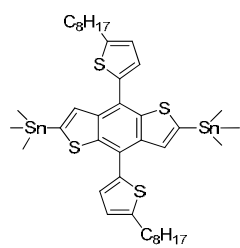
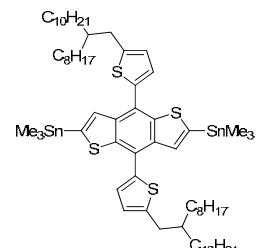
Diethyl 2,5-bis(4,8-bis(hexyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate CAT# IN1795	 <p>CAS# / Formula C₅₆H₆₈O₈S₆ FW 1061.52</p>
2,2'-(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1770	 <p>CAS# [1883460-37-4] Formula C₄₆H₆₄B₂O₂S₄ FW 830.88</p>
4,8-Bis(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1761	 <p>CAS# [1514905-24-8] Formula C₃₄H₄₀F₂S₄ FW 614.94</p>
2,6-Dibromo-4,8-bis(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1762	 <p>CAS# / Formula C₃₄H₃₈Br₂F₂S₄ FW 772.73</p>
(4,8-Bis(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1771	 <p>CAS# [1514905-25-9] Formula C₄₀H₅₆F₂S₄Sn₂ FW 940.55</p>

4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1766	 <p>CAS# Formula C₃₄H₄₀Cl₂S₄ FW 647.85</p>
2,6-Dibromo-4,8-bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1796	 <p>CAS# Formula C₃₄H₃₈Br₂Cl₂S₄ FW 805.64</p>
(4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1776	 <p>CAS# [2239295-69-1] Formula C₄₀H₅₆Cl₂S₄Sn₂ FW 973.46</p>
4,8-Bis(5-(2-butyloctyl)-4-chlorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1963	 <p>CAS# Formula C₄₂H₅₆Cl₂S₄ FW 760.06</p>
(4,8-Bis(5-(2-butyloctyl)-4-chlorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1964	 <p>CAS# Formula C₄₈H₇₂Cl₂S₄Sn₂ FW 1085.67</p>

(5,5'-(2,6-Bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophene-4,8-diyl)bis(3-chlorothiophene-5,2-diyl))bis(tripropylsilane) CAT# IN1780	 <p>CAS# Formula C₄₂H₆₄Cl₂S₄Si₂Sn₂ FW 1061.71</p>
(4,8-Bis(5-(2-butyloctyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1965	 <p>CAS# Formula C₄₈H₇₂F₂S₄Sn₂ FW 1052.76</p>
(4,8-Bis(4-chloro-5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1786	 <p>CAS# Formula C₅₆H₈₈Cl₂S₄Sn₂ FW 1197.88</p>
4,8-Bis(4-fluoro-5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1967	 <p>CAS# Formula C₅₀H₇₂F₂S₄ FW 839.36</p>

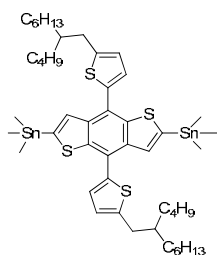
<p>(4,8-Bis(4-fluoro-5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p>	<p>CAT# IN1968</p>
 <p>CAS# Formula C₅₈H₈₈F₂S₄Sn₂ FW 1164.97</p>	
<p>(4,8-Bis(4-fluoro-5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p>	<p>CAT# IN1778</p>
 <p>CAS# / Formula C₃₈H₄₈F₂S₄Sn₂ FW 884.44</p>	
<p>4,8-Bis(5-(2-ethylhexyl)thieno[3,2-b]thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene</p>	<p>CAT# IN1791</p>
 <p>CAS# [1494614-30-0] Formula C₃₈H₄₂S₆ FW 691.13</p>	
<p>4,8-Bis(5-(2-ethylhexyl)thieno[3,2-b]thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p>	<p>CAT# IN1792</p>
 <p>CAS# [1444200-40-1] Formula C₄₄H₅₈S₆Sn₂ FW 1016.74</p>	

<p>4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene</p>	<p>CAT# IN1773</p>
 <p>CAS# Formula C₄₆H₆₆S₄ FW 747.28</p>	
<p>(4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p>	<p>CAT# IN1774</p>
 <p>CAS# Formula C₅₂H₈₂S₄Sn₂ FW 1072.89</p>	
<p>4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)-2,6-diiodobenzo[1,2-b:4,5-b']dithiophene</p>	<p>CAT# IN1775</p>
 <p>CAS# Formula C₄₆H₆₄I₂S₄ FW 999.07</p>	
<p>(4,8-Bis(5-(2-ethylhexyl)-4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p>	<p>CAT# IN1777</p>
 <p>CAS# Formula C₅₆H₉₀S₄Sn₂ FW 1128.99</p>	

<p>4,8-Bis(5-(2-butyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1165</p>  <p>CAS# [1443120-32-8] Formula C₄₂H₅₈S₄ FW 691.17</p>	<p>2,2'-(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1167</p>  <p>CAS# Formula C₄₆H₆₄B₂O₄S₄ FW 830.88</p>
<p>4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1763</p>  <p>CAS# [1431705-25-7] Formula C₃₀H₃₄S₄ FW 522.85</p>	<p>4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1174</p>  <p>CAS# Formula C₅₀H₇₄S₄ FW 803.38</p>
<p>(4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1765</p>  <p>CAS# [1403984-36-0] Formula C₃₆H₅₀S₄Sn₂ FW 848.46</p>	<p>(4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1414</p>  <p>CAS# [1373834-87-7] Formula C₅₆H₉₀S₄Sn₂ FW 1128.99</p>
<p>4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1768</p>  <p>CAS# [1448877-07-3] Formula C₃₄H₄₂S₄ FW 578.96</p>	<p>4,8-Bis(5-(2-octyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1173</p>  <p>CAS# Formula C₅₈H₉₀S₄ FW 915.60</p>
<p>(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1168</p>  <p>CAS# Formula C₄₀H₅₈S₄Sn₂ FW 904.50</p>	<p>(4,8-Bis(5-(2-(5-(2-octyldecyl)thiophen-2-yl)thiophene)thiophene)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1175</p>  <p>CAS# Formula C₆₄H₁₀₆S₄Sn₂ FW 1241.21</p>

(4,8-Bis(5-(2-butyl)octyl)thiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl)bis(trimethylstannane)

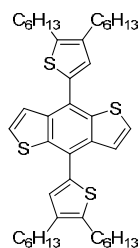
CAT# IN1176



CAS# [1402460-13-2]
Formula C₄₈H₇₄S₄Sn₂
FW 1016.78

4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene

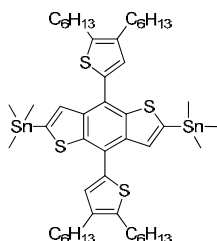
CAT# IN1181



CAS# [1402460-14-5]
Formula C₄₂H₅₈S₄
FW 691.17

(4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl)bis(trimethylstannane)

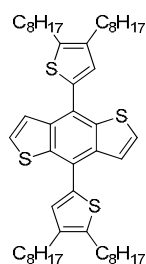
CAT# IN1180



CAS# [1402460-16-5]
Formula C₄₈H₇₄S₄Sn₂
FW 1016.78

4,8-Bis(4,5-dioctylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene

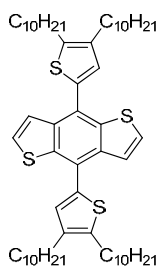
CAT# IN1188



CAS# [1402460-17-8]
Formula C₅₀H₇₄S₄
FW 803.38

4,8-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene

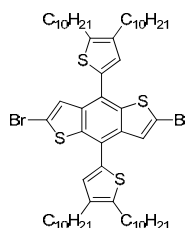
CAT# IN1178



CAS# [1402460-18-1]
Formula C₅₈H₉₀S₄
FW 915.60

2,6-Dibromo-4,8-bis(4,5-didecylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene

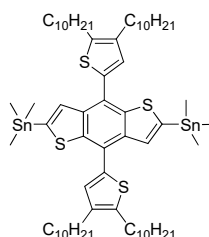
CAT# IN1169



CAS# [1402460-19-4]
Formula C₅₈H₈₈Br₂S₄
FW 1073.39

(4,8-Bis(2-(4,5-didecyl)thiophene)benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl)bis(trimethylstannane)

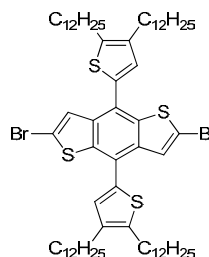
CAT# IN1179



CAS# [1307899-54-2]
Formula C₆₄H₁₀₆S₄Sn₂
FW 1241.21

2,6-Dibromo-4,8-bis(4,5-didodecylthiophen-2-yl)benzo[1,2-*b*:4,5-*b'*]dithiophene

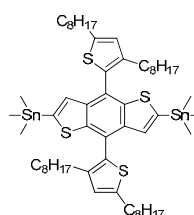
CAT# IN1184



CAS# [1905397-56-9]
Formula C₆₆H₁₀₄Br₂S₄
FW 1185.60

(4,8-Bis(2-(3,5-dioctyl)thiophene)benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl)bis(trimethylstannane)

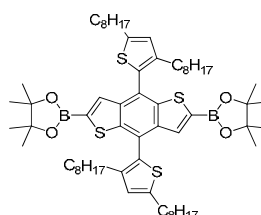
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CAS# [1307899-55-3]
Formula C₅₆H₉₀S₄Sn₂
FW 1128.99

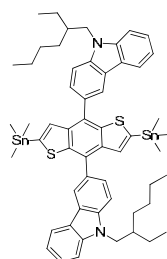
2,6-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-(4,8-bis(2-(3,5-dioctyl)thiophene)benzo[1,2-*b*:4,5-*b'*]dithiophene

CAT# IN1185



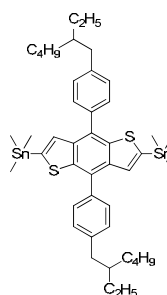
CAS# [1221254-05-2]
Formula C₆₂H₉₆B₂O₄S₄
FW 1055.31

3,3'-(2,6-bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophene-4,8-diyl)bis(9-(2-ethylhexyl)-9H-carbazole)
CAT# IN1760



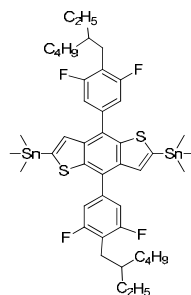
CAS# [2213459-50-6]
 Formula $C_{55}H_{70}N_2S_2Sn_2$
 FW 1060.71

(4,8-Bis(4-(2-ethylhexyl)phenyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1764



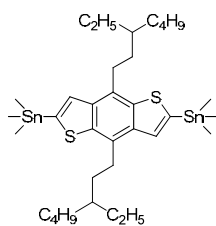
CAS# /
 Formula $C_{44}H_{62}S_2Sn_2$
 FW 892.51

(4,8-Bis(4-(2-ethylhexyl)-3,5-difluorophenyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1767



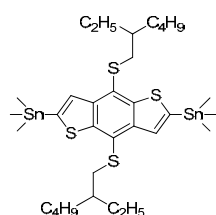
CAS# /
 Formula $C_{44}H_{58}F_4S_2Sn_2$
 FW 964.47

(4,8-Bis(3-ethylheptyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1190



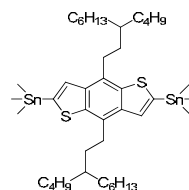
CAS# /
 Formula $C_{34}H_{58}S_2Sn_2$
 FW 768.37

(4,8-Bis((2-ethylhexyl)thio)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1191



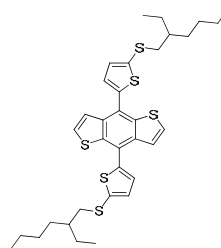
CAS# /
 Formula $C_{32}H_{54}S_4Sn_2$
 FW 804.45

(4,8-Bis(3-butylonyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1192



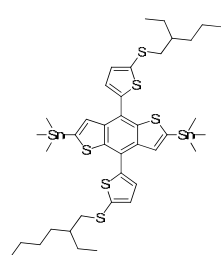
CAS# /
 Formula $C_{42}H_{74}S_2Sn_2$
 FW 880.59

4,8-Bis(5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene
CAT# IN1714



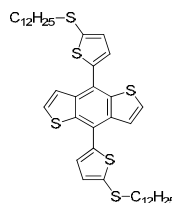
CAS# /
 Formula $C_{34}H_{42}S_6$
 FW 643.09

(4,8-Bis(5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1704



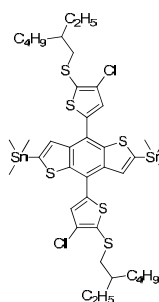
CAS# [1613389-30-2]
 Formula $C_{40}H_{58}S_6Sn_2$
 FW 968.70

4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene
CAT# IN1703



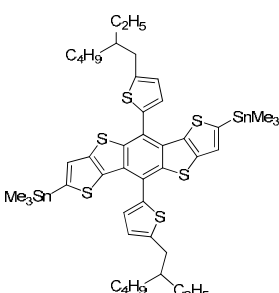
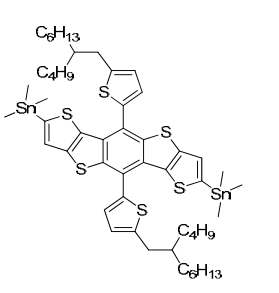
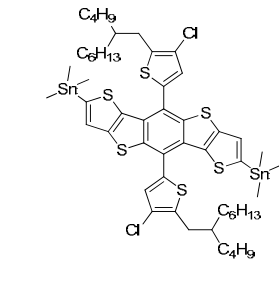
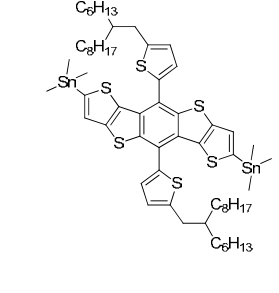
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 Formula $C_{42}H_{58}S_6$
 FW 755.30

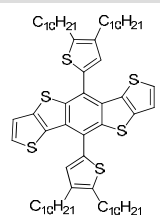
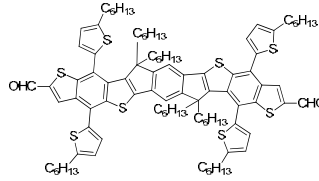
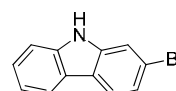
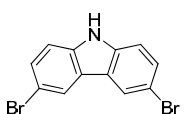
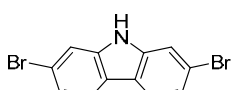
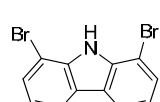
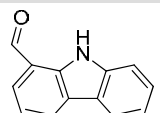
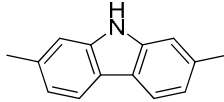
(4,8-Bis(4-chloro-5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1706

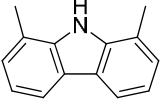
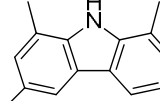
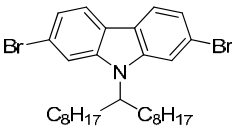
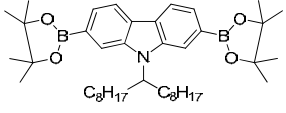
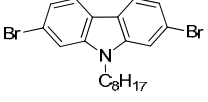
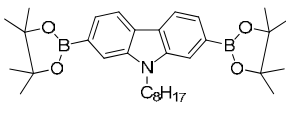
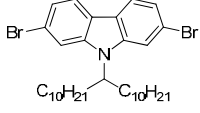
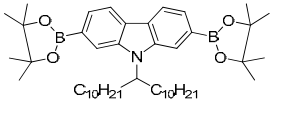


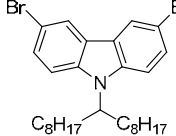
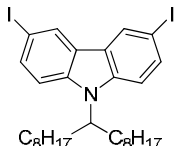
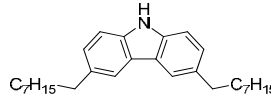
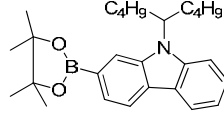
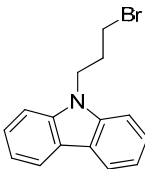
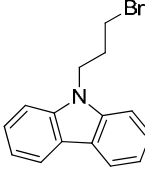
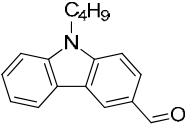
CAS# /
 Formula $C_{40}H_{56}Cl_2S_6Sn_2$
 FW 1037.59

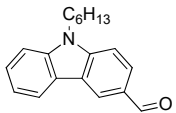
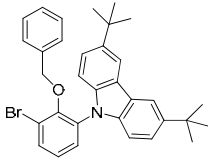
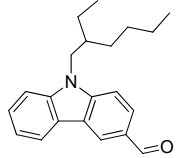
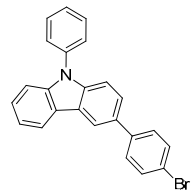
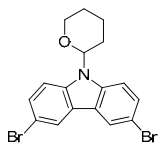
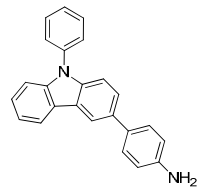
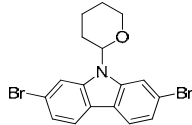
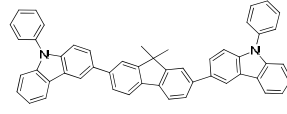
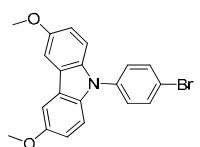
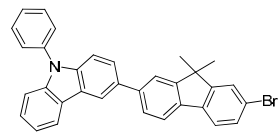
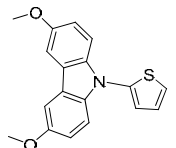
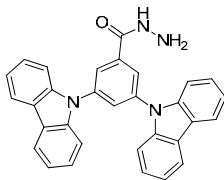
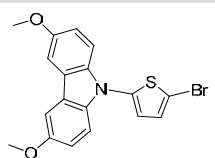
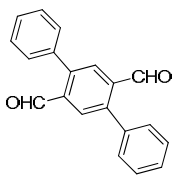
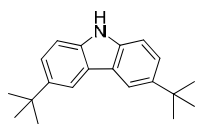
<p>(4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)</p> <p style="text-align: right;">CAT# IN1705</p>	<p>4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran</p> <p style="text-align: right;">CAT# IN1532</p>
 <p>CAS# [1887135-97-8] Formula C₄₈H₇₄S₆Sn₂ FW 1080.91</p>	 <p>CAS# [1391764-82-1] Formula C₃₄H₄₂O₂S₂ FW 546.83</p>
<p>2,2'-(5,5'-(2,6-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[1,2-b:4,5-b']dithiophene-4,8-diyl)bis(thiophene-5,2-diyl))bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)</p> <p style="text-align: right;">CAT# IN1790</p>	<p>(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran-2,6-diyl)bis(trimethylstannane)</p> <p style="text-align: right;">CAT# IN1534</p>
 <p>CAS# [1942110-76-0] Formula C₄₂H₅₄B₄O₆S₄ FW 858.38</p>	 <p>CAS# [1391764-83-2] Formula C₄₀H₅₈O₂S₂Sn₂ FW 872.44</p>
<p>4,8-Bis(5-(2-ethylhexyl)furan-2-yl)benzo[1,2-b:4,5-b']dithiophene</p> <p style="text-align: right;">CAT# IN1177</p>	<p>2,2'-(Benzo[1,2-b:4,5-b']dithiophene-4,8-diylidene)dimalononitrile</p> <p style="text-align: right;">CAT# OC1142</p>
 <p>CAS# [109573-90-2] Formula C₁₈H₁₄N₄S₂ FW 316.36</p>	 <p>CAS# [1446476-79-4] Formula C₁₄H₄O₂S₄ FW 332.44</p>
<p>Benzofuro[5,6-b]furan-4,8-dione</p> <p style="text-align: right;">CAT# OC1130</p>	<p>Dithieno[2,3-d':3'-d]benzo[1,2-b:4,5-b']dithiophene-5,10-dione</p> <p style="text-align: right;">CAT# OC1916</p>
 <p>CAS# [267220-47-3] Formula C₁₀H₄O₄ FW 188.14</p>	 <p>CAS# [1446476-79-4] Formula C₁₄H₄O₂S₄ FW 332.44</p>
<p>2,6-Dibromobenzo[1,2-b:4,5-b']difuran-4,8-dione</p> <p style="text-align: right;">CAT# OC1131</p>	<p>2,7-Bis(trimethylstannyl)-5,10-bis(4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene</p> <p style="text-align: right;">CAT# IN1904</p>
 <p>CAS# [185350-30-5] Formula C₁₀H₂Br₂O₄ FW 345.93</p>	 <p>CAS# / Formula C₄₀H₅₀S₆Sn₂ FW 960.63</p>
<p>(4,8-Bis(2-ethylhexyloxy)-2,6-bis(trimethylstannanyl)benzo[1,2-b:4,5-b']difuran)</p> <p style="text-align: right;">CAT# IN1530</p>	<p>2,7-Bis(trimethylstannyl)-5,10-bis(4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene</p> <p style="text-align: right;">CAT# IN1906</p>
 <p>CAS# [1352743-87-3] Formula C₃₂H₅₄O₄Sn₂ FW 740.19</p>	 <p>CAS# [1701403-89-5] Formula C₄₄H₅₈S₆Sn₂ FW 1016.74</p>

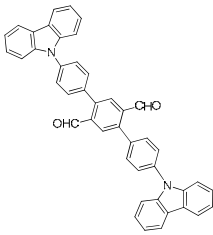
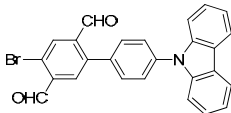
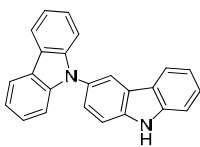
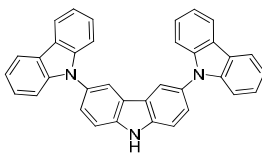
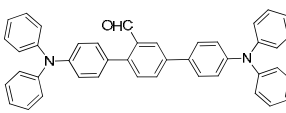
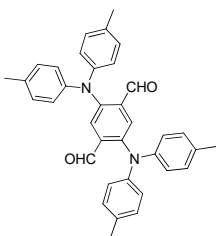
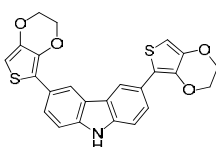
2,7-Bis(trimethylstannyl)-5,10-bis(2-ethylhexylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene CAT# IN1907	 <p>CAS# [1446476-81-8] Formula C₄₄H₅₈S₆Sn₂ FW 1016.74</p>
2,7-Bis(trimethylstannyl)-5,10-bis(2-butyloctylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene CAT# IN1905	 <p>CAS# / Formula C₅₂H₇₄S₆Sn₂ FW 1128.95</p>
2,7-Bis(trimethyltin)-5,10-bis[4-chloro-5-(2-butyloctyl)-2-thienyl]dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene CAT# IN1925	 <p>CAS# / Formula C₅₂H₇₂Cl₂S₆Sn₂ FW 1197.84</p>
2,7-Bis(trimethylstannyl)-5,10-bis(2-hexyldecylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene CAT# IN1926	 <p>CAS# / Formula C₈₀H₉₀S₆Sn₂ FW 1241.17</p>

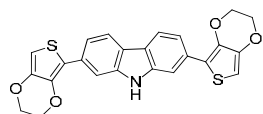
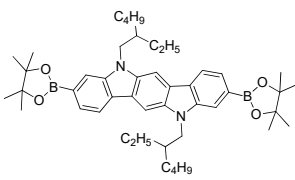
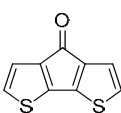
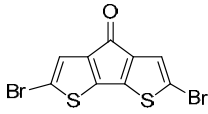
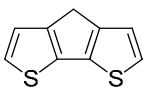
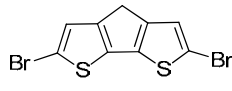
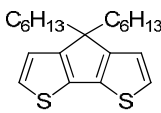
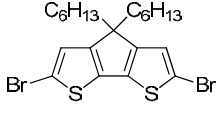
5,10-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']diithieno[3,2-b]thiophene CAT# IN1908	 <p>CAS# [1467663-05-3] Formula C₆₂H₉₀S₆ FW 1027.77</p>
CAT# IN1918	 <p>CAS# / Formula C₉₄H₁₁₈O₂S₈ FW 1536.46</p>
Monomer-Carbazole (Cz) Series	
2-Bromocarbazole CAT# OC1090	 <p>CAS# [3652-90-2] Formula C₁₂H₈BrN FW 246.10</p>
3,6-Dibromo-9H-carbazole CAT# IN1001	 <p>CAS# [6825-20-3] Formula C₁₂H₇Br₂N FW 325.00</p>
2,7-Dibromo-9H-carbazole CAT# IN1003	 <p>CAS# [136630-39-2] Formula C₁₂H₇Br₂N FW 325.00</p>
1,8-Dibromo-9H-carbazole CAT# IN1263	 <p>CAS# [553663-65-3] Formula C₁₂H₇Br₂N FW 325.00</p>
9H-carbazole-1-carbaldehyde CAT# IN1288	 <p>CAS# [1903-94-2] Formula C₁₃H₉NO FW 195.22</p>
2,7-Dimethyl-9H-carbazole CAT# IN1258	 <p>CAS# [18992-65-9] Formula C₁₄H₁₃N FW 195.26</p>

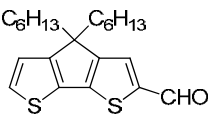
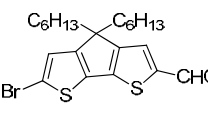
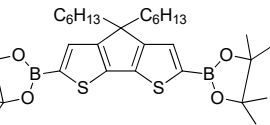
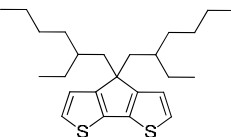
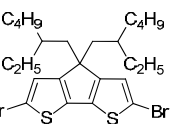
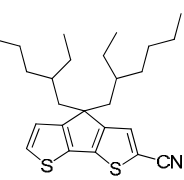
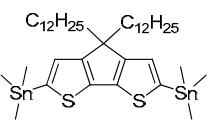
1,8-Dimethyl-9H-carbazole	CAT# IN1557
	CAS# [6558-83-4] Formula C ₁₄ H ₁₃ N FW 195.26
1,3,6,8-Tetramethyl-9H-carbazole	CAT# IN1558
	CAS# [6558-85-6] Formula C ₁₈ H ₁₇ N FW 223.31
2,7-Dibromo-9-(1-octylnonyl)-9H-carbazole	CAT# IN1008
	CAS# [9 55964-73-5] Formula C ₂₉ H ₄₁ Br ₂ N FW 563.45
9-(Heptadecan-9-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole	CAT# IN1009
	CAS# [9 58261-51-3] Formula C ₄₁ H ₆₅ B ₂ NO ₄ FW 657.58
2,7-Dibromo-9-octyl-9H-carbazole	CAT# IN1029
	CAS# [726169-75-1] Formula C ₂₀ H ₂₃ Br ₂ N FW 437.21
9-Octyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole	CAT# IN1048
	CAS# [4 06726-92-9] Formula C ₃₂ H ₄₇ B ₂ NO ₄ FW 531.34
(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)	CAT# IN1128
	CAS# Formula C ₃₃ H ₄₆ B ₂ N FW 619.56
9-(Henicosan-11-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole	CAT# IN1129
	CAS# [1185885-88-4] Formula C ₄₅ H ₇₃ B ₂ NO ₄ FW 713.69

3,6-Dibromo-9-(heptadecan-9-yl)-9H-carbazole	CAT# IN1138
	CAS# [1268491-06-0] Formula C ₂₉ H ₄₁ Br ₂ N FW 563.45
9-(Heptadecan-9-yl)-3,6-diiodo-9H-carbazole	CAT# IN1139
	CAS# Formula C ₂₉ H ₄₁ I ₂ N FW 657.45
9-(Nonan-5-yl)-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole	CAT# IN1983
	CAS# Formula C ₂₇ H ₃₈ BNO ₂ FW 419.41
9-(Nonan-5-yl)-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole	CAT# IN1820
	CAS# Formula C ₂₇ H ₃₈ BNO ₂ FW 419.41
9-(3-Bromopropyl)-9H-carbazole	CAT# IN1840
	CAS# [84359-61-5] Formula C ₁₅ H ₁₄ BrN FW 288.18
9-(3-Bromopropyl)-9H-carbazole	CAT# IN1840
	CAS# [84359-61-5] Formula C ₁₅ H ₁₄ BrN FW 288.18
9-Butyl-9H-carbazole-3-carbaldehyde	CAT# IN1935
	CAS# [67707-09-9] Formula C ₁₇ H ₁₇ NO FW 251.32

9-Hexyl-9H-carbazole-3-carbaldehyde CAT# IN1936	 <p>CAS# [183718-72-1] Formula C₁₉H₂₁NO FW 279.38</p>	9-(2-(Benzyloxy)-3-bromophenyl)-3,6-di-tert-butyl-9H-carbazole CAT# OC1068	 <p>CAS# Formula C₃₃H₃₄BrNO FW 540.53</p>
9-(2-Ethylhexyl)-9H-carbazole-3-carbaldehyde CAT# IN1938	 <p>CAS# Formula C₂₁H₂₅NO FW 307.43</p>	3-(4-Bromophenyl)-9-phenyl-9H-carbazole CAT# OC1058	 <p>CAS# [1028647-93-9] Formula C₂₄H₁₆BrN FW 398.29</p>
3,6-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1002	 <p>CAS# Formula C₁₇H₁₅Br₂NO FW 409.12</p>	4-(9-Phenyl-9,9a-dihydro-4aH-carbazol-6-yl)aniline CAT# OC1059	 <p>CAS# Formula C₂₄H₂₀N₂ FW 336.43</p>
2,7-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1004	 <p>CAS# Formula C₁₇H₁₅Br₂NO FW 409.12</p>	3,3'-(9,9-dimethyl-9H-fluorene-2,7-diyl)bis(9-phenyl-9H-carbazole) CAT# OC1077	 <p>CAS# [1182844-38-7] Formula C₅₁H₃₆N₂ FW 676.84</p>
9-(4-Bromophenyl)-3,6-dimethoxy-9H-carbazole CAT# OC1067	 <p>CAS# Formula C₂₀H₁₆BrNO₂ FW 382.25</p>	3-(7-Bromo-9,9-dimethylfluorene-2-yl)-9-phenylcarbazole CAT# OC1078	 <p>CAS# [1186644-43-8] Formula C₃₃H₂₄NBr FW 514.45</p>
3,6-Dimethoxy-9-(thiophen-2-yl)-9H-carbazole CAT# OC1049	 <p>CAS# Formula C₁₈H₁₅NO₂S FW 309.38</p>	3,5-Dicarbazol-9-ylbenzhydrazide CAT# OC1060	 <p>CAS# Formula C₃₁H₂₂N₄O FW 466.53</p>
9-(5-Bromothiophen-2-yl)-3,6-dimethoxy-9H-carbazole CAT# OC1069	 <p>CAS# Formula C₁₈H₁₄BrNO₂S FW 388.28</p>	[1,1':4',1''-Terphenyl]-2',5'-dicarbaldehyde CAT# OC1066	 <p>CAS# [144836-60-2] Formula C₂₀H₁₄O₂ FW 286.32</p>
3,6-Di-tert-butyl-9H-carbazole CAT# OC1065	 <p>CAS# [37500-95-1] Formula C₂₀H₂₆N FW 279.42</p>		

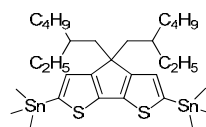
4,4"-Di(9H-carbazol-9-yl)-[1,1':4',1"-terphenyl]-2',5'-dicarbaldehyde CAT# OC1061		CAS# Formula FW	 C ₄₄ H ₂₈ N ₂ O ₂ 616.71
4-Bromo-4'-(9H-carbazol-9-yl)-[1,1'-biphenyl]-2,5-dicarbaldehyde CAT# OC1073		CAS# Formula FW	 C ₂₆ H ₁₆ BrNO ₂ 454.31
3-(9H-carbazole-9-yl)-9H-carbazole CAT# OC1062		CAS# Formula FW	[18628-07-4] C ₂₄ H ₁₆ N ₂ 332.40
9'H-9,3':6',9''-tercarbazole CAT# OC1072		CAS# Formula FW	[606129-90-2] C ₃₆ H ₂₃ N ₃ 497.59
4,4"-Bis(diphenylamino)-[1,1':4',1"-terphenyl]-2'-carbaldehyde CAT# OC1063		CAS# Formula FW	 C ₄₃ H ₃₂ N ₂ O 592.73
2,5-Bis(di-p-tolylamino)terephthalaldehyde CAT# OC1064		CAS# Formula FW	 C ₃₆ H ₃₂ N ₂ O ₂ 524.65
3,6-Bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)-9H-carbazole CAT# IN1456		CAS# Formula FW	 C ₂₄ H ₁₇ NO ₄ S ₂ 447.53

2,7-Bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)-9H-carbazole CAT# IN1526		CAS# Formula FW	 / C ₂₄ H ₁₇ NO ₄ S ₂ 447.53
5,11-Bis(2-ethylhexyl)-3,9-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,11-dihydroindolo[3,2-b]carbazole CAT# IN1458		CAS# Formula FW	 / C ₄₆ H ₆₆ B ₂ N ₂ O ₄ 732.65
Monomer-CPP Series			
4H-Cyclopenta[2,1-b:3,4-b']dithiophene-4-one CAT# OC1015		CAS# Formula FW	[25796-77-4] C ₉ H ₄ OS ₂ 192.26
2,6-Dibromo-4H-cyclopenta[1,2-b:5,4-b']dithiophen-4-one CAT# OC1115		CAS# Formula FW	[636588-79-9] C ₉ H ₂ Br ₂ OS ₂ 350.05
4H-Cyclopenta[2,1-b:3,4-b']dithiophene CAT# OC1017		CAS# Formula FW	[389-58-2] C ₉ H ₆ S ₂ 178.27
2,6-Dibromo-4H-cyclopenta[1,2-b:5,4-b']dithiophene CAT# IN1011		CAS# Formula FW	[258527-25-2] C ₉ H ₄ Br ₂ S ₂ 336.07
4,4-Dihexyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene CAT# IN1250		CAS# Formula FW	[153312-86-8] C ₂₁ H ₃₀ S ₂ 346.59
2,6-Dibromo-4,4-dihexyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene CAT# IN1252		CAS# Formula FW	[528570-55-0] C ₂₁ H ₂₈ Br ₂ S ₂ 504.39

4,4-Dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbaldehyde CAT# IN1270		CAS# Formula FW	 $C_{22}H_{30}OS_2$ 374.60
6-Bromo-4,4-dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbaldehyde CAT# IN1873		CAS# Formula FW	 [1221821-39-1] $C_{22}H_{29}BrOS_2$ 453.50
2,2'-(4,4-Dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1870		CAS# Formula FW	 [1220888-44-7] $C_{33}H_{52}B_2O_4S_2$ 598.52
4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b'] dithiophene CAT# IN1060		CAS# Formula FW	 [365547-20-2] $C_{25}H_{38}S_2$ 402.70
2,6-Dibromo-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b'] dithiophene CAT# IN1010		CAS# Formula FW	 [365547-21-3] $C_{25}H_{36}Br_2S_2$ 560.49
4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbonitrile CAT# IN1660		CAS# Formula FW	 [1623819-67-9] $C_{26}H_{37}NS_2$ 427.71
2,6-Bis(trimethyltin)-4,4-bis(2-dodecylbenzo)-4H-cyclopenta[2,1-b:3,4-b']dithiophene CAT# IN1240		CAS# Formula FW	 [1201921-81-4] $C_{39}H_{70}S_2Sn_2$ 840.52

2,6-Bis(trimethyltin)-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b'] dithiophene

CAT# IN1242

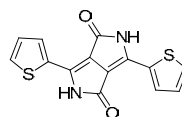


CAS# [920504-00-3]
Formula $C_{31}H_{54}S_2Sn_2$
FW 728.31

Monomer-DPP Series

3,6-Di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4-dione

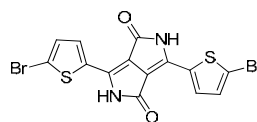
CAT# IN1323



CAS# [850583-75-4]
Formula $C_{14}H_8N_2O_2S_2$
FW 300.36

3,6-Bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4-(2H,5H)-dione

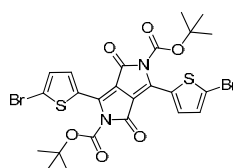
CAT# IN1322



CAS# [777079-55-7]
Formula $C_{14}H_6Br_2N_2O_2S_2$
FW 458.15

Di-tert-butyl 3,6-bis(5-bromothiophen-2-yl)-1,4-dioxopyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate

CAT# IN1325

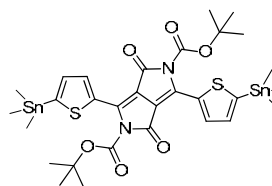


CAS# [1046864-84-9]
Formula $C_{24}H_{22}Br_2N_2O_6S_2$
FW 658.38

Di-tert-butyl

1,4-dioxo-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate

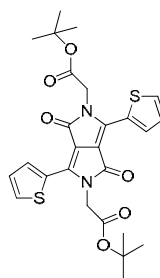
CAT# IN1545



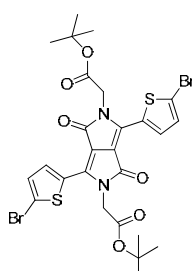
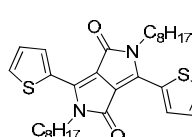
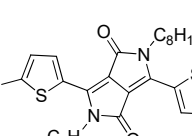
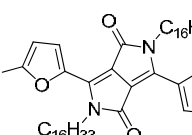
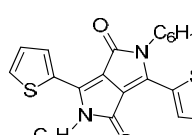
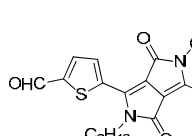
CAS#
Formula $C_{30}H_{40}N_2O_6S_2Sn_2$
FW 826.20

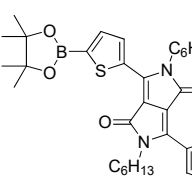
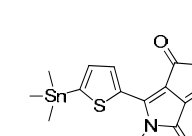
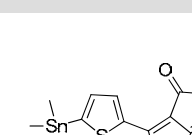
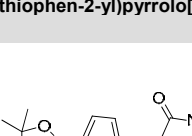
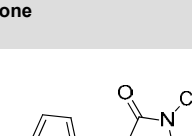
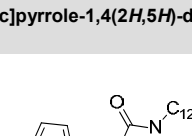
Di-tert-butyl 2'-(1,4-dioxo-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1H,4H)-diyl)diacetate

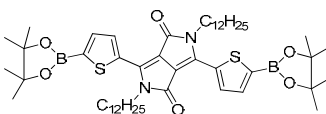
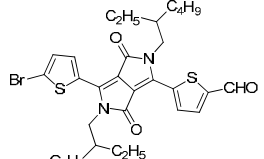
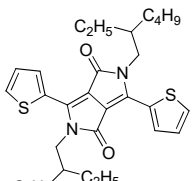
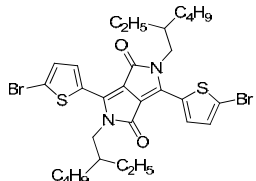
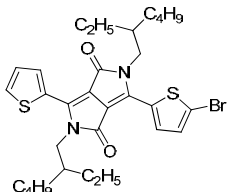
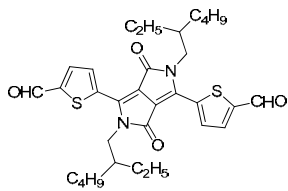
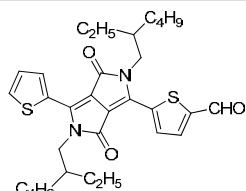
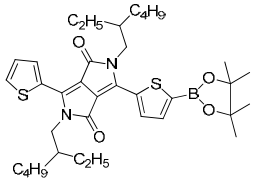
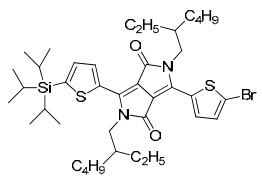
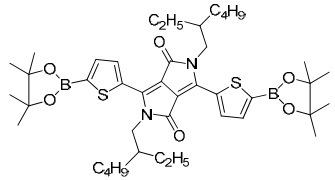
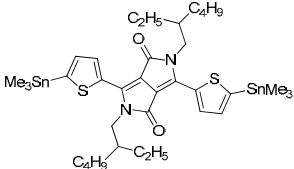
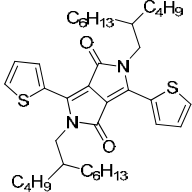
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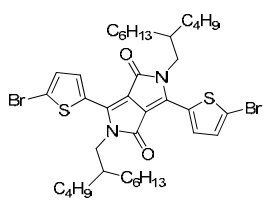
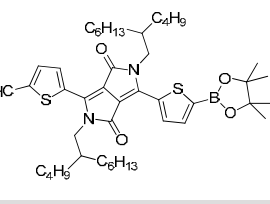
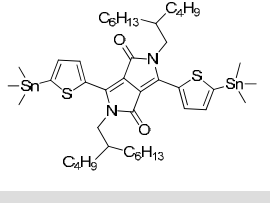
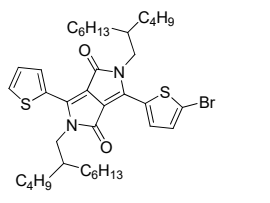
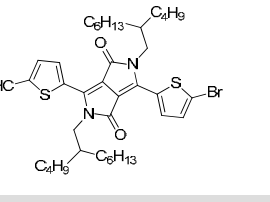
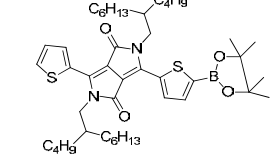


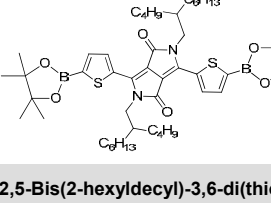
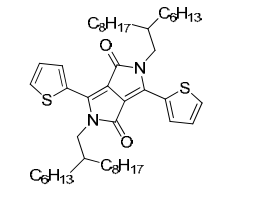
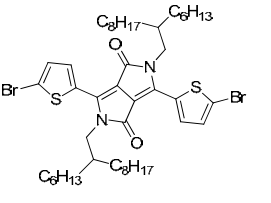
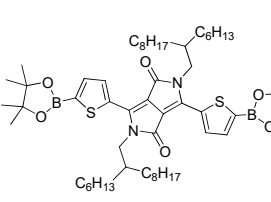
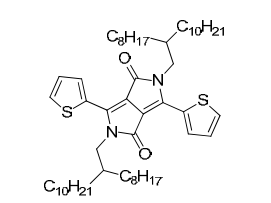
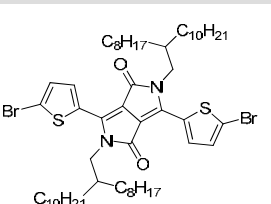
CAS#
Formula $C_{26}H_{28}N_2O_6S_2$
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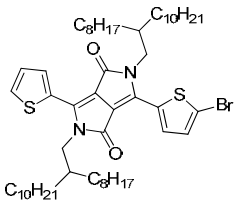
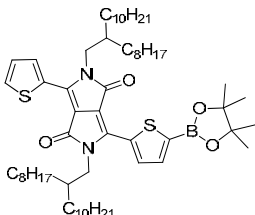
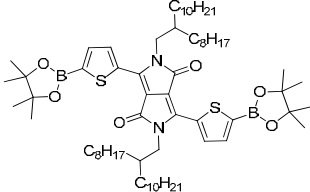
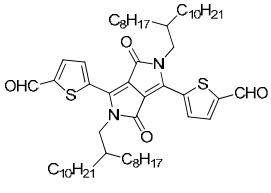
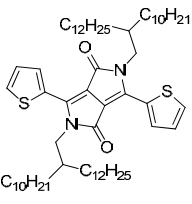
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	CAS# [1815587-98-4] Formula $C_{26}H_{26}Br_2N_2O_6S_2$ FW 686.43		
3-(5-Bromothiophen-2-yl)-2,5-dioctyl-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1321	
	CAS# [1335015-92-3] Formula $C_{30}H_{39}BrN_2O_2S_2$ FW 603.68		
3,6-Bis(5-bromothiophen-2-yl)-2,5-dioctylpyrrolo[3,4-c]pyrrole-1,4-dione		CAT# IN1326	
	CAS# [1057401-13-4] Formula $C_{30}H_{38}Br_2N_2O_2S_2$ FW 682.57		
3,6-Bis(5-bromofuran-2-yl)-2,5-dihexadecylpyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1338	
	CAS# [1613705-06-8] Formula $C_{46}H_{70}Br_2N_2O_4$ FW 874.87		
5-(2,5-Dihexyl-3,6-dioxo-4-(thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde		CAT# IN1356	
	CAS# [1613705-06-8] Formula $C_{27}H_{32}N_2O_3S_2$ FW 496.68		
5,5'-(2,5-Dihexyl-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)		CAT# IN1339	
	CAS# [1613705-06-8] Formula $C_{28}H_{32}N_2O_4S_2$ FW 524.69		

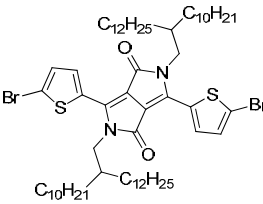
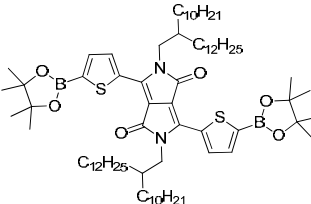
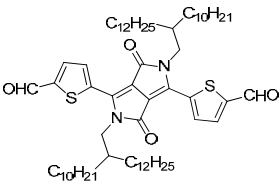
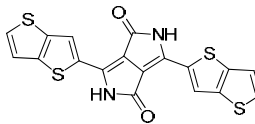
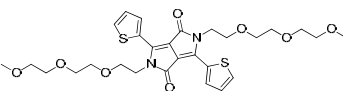
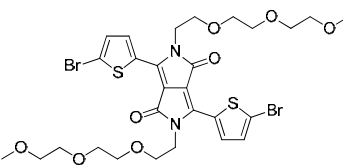
2,5-Dihexyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1389	
	CAS# / Formula $C_{38}H_{54}B_2N_2O_6S_2$ FW 720.60		
2,5-Dihexyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1589	
	CAS# / Formula $C_{32}H_{48}N_2O_2S_2Sn_2$ FW 794.29		
2,5-Dioctyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1346	
	CAS# [1613705-06-8] Formula $C_{36}H_{56}N_2O_2S_2Sn_2$ FW 850.39		
2,5-Dioctyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1347	
	CAS# [1613705-06-8] Formula $C_{42}H_{62}N_2B_2O_6S_2$ FW 776.70		
2,5-Didodecyl-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1355	
	CAS# [1613705-06-8] Formula $C_{38}H_{56}N_2O_2S_2$ FW 636.99		
3-(5-Bromothiophen-2-yl)-2,5-didodecyl-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1395	
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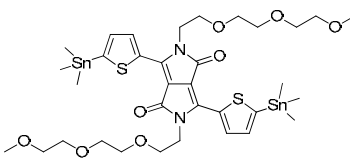
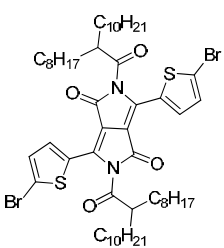
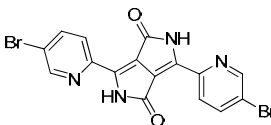
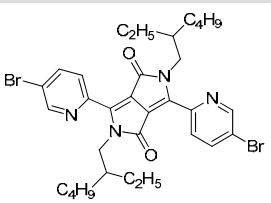
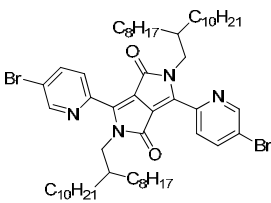
<p>2,5-Didodecyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1357</p>  <p>CAS# Formula $C_{50}H_{78}B_2N_2O_6S_2$ FW 888.92</p>	<p>5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde</p> <p>CAT# IN1384</p>  <p>CAS# Formula $C_{31}H_{39}BrN_2O_3S_2$ FW 631.69</p>
<p>2,5-Bis(2-ethylhexyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1320</p>  <p>CAS# [1185885-86-2] Formula $C_{30}H_{40}N_2O_2S_2$ FW 524.78</p>	<p>3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-c]pyrrole-1,4-dione</p> <p>CAT# IN1327</p>  <p>CAS# [1000623-95-9] Formula $C_{30}H_{38}Br_2N_2O_2S_2$ FW 682.57</p>
<p>3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CT# IN1340</p>  <p>CAS# [1308671-90-0] Formula $C_{30}H_{38}BrN_2O_2S_2$ FW 603.68</p>	<p>5,5'-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)</p> <p>CAT# IN1343</p>  <p>CAS# Formula $C_{32}H_{40}N_2O_4S_2$ FW 580.80</p>
<p>5-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-4-(thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde</p> <p>CAT# IN1344</p>  <p>CAS# Formula $C_{31}H_{40}N_2O_3S_2$ FW 552.79</p>	<p>2,5-Bis(2-ethylhexyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1334</p>  <p>CAS# Formula $C_{36}H_{51}BN_2O_4S_2$ FW 650.74</p>
<p>3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(5-(triisopropylsilyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1390</p>  <p>CAS# Formula $C_{39}H_{59}BrN_2O_2S_2Si$ FW 760.02</p>	<p>2,5-Bis(2-ethylhexyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1335</p>  <p>CAS# [1269004-46-7] Formula $C_{42}H_{62}B_2N_2O_6S_2$ FW 776.70</p>
<p>2,5-Bis(2-ethylhexyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1391</p>  <p>CAS# [1392422-47-7] Formula $C_{36}H_{56}N_2O_2S_2Sn_2$ FW 850.39</p>	<p>2,5-Bis(2-butyloctyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione</p> <p>CAT# IN1328</p>  <p>CAS# [1354631-87-0] Formula $C_{38}H_{58}N_2O_2S_2$ FW 636.99</p>

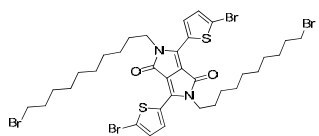
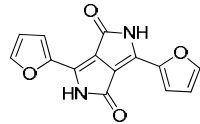
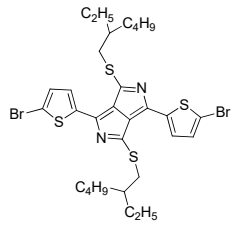
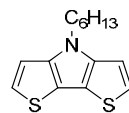
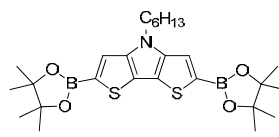
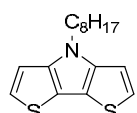
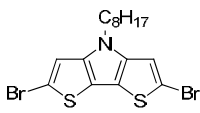
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	CAS# [1224709-68-5] Formula C ₃₈ H ₅₄ Br ₂ N ₂ O ₂ S ₂ FW 794.79		
5-(2,5-bis(2-butyloctyl)-3,6-dioxo-4-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde		CAT# IN1376	
	CAS# [1044598-80-2] Formula C ₄₅ H ₆₇ BN ₂ O ₆ S ₂ FW 790.96		
2,5-Bis(2-butyloctyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1345	
	CAS# [2102299-80-7] Formula C ₄₄ H ₇₂ N ₂ O ₂ S ₂ Sn ₂ FW 962.60		
3-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1336	
	CAS# [1454609-37-0] Formula C ₃₈ H ₅₅ BrN ₂ O ₂ S ₂ FW 715.89		
5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde		CAT# IN1396	
	CAS# [1267540-02-2] Formula C ₃₉ H ₅₅ BrN ₂ O ₃ S ₂ FW 743.90		
2,5-Bis(2-butyloctyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1374	
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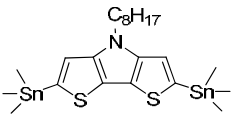
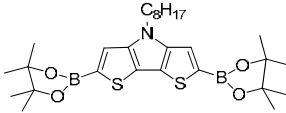
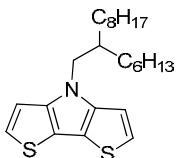
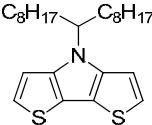
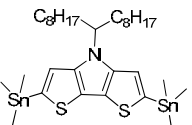
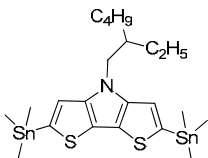
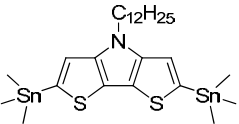
2,5-Bis(2-butyloctyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1375	
	CAS# [1000623-98-2] Formula C ₅₀ H ₇₈ B ₂ N ₂ O ₆ S ₂ FW 888.92		
2,5-Bis(2-hexyldecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1332	
	CAS# [1044598-80-2] Formula C ₄₆ H ₇₂ N ₂ O ₂ S ₂ FW 749.21		
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-hexyldecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1333	
	CAS# [1000623-98-2] Formula C ₄₆ H ₇₀ Br ₂ N ₂ O ₂ S ₂ FW 907.00		
2,5-Bis(2-hexyldecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1736	
	CAS# [1224430-81-2] Formula C ₅₈ H ₉₄ B ₂ N ₂ O ₆ S ₂ FW 1001.13		
2,5-Bis(2-octyldecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1730	
	CAS# [1267540-02-2] Formula C ₅₄ H ₈₈ N ₂ O ₂ S ₂ FW 861.42		
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1330	
	CAS# [1260685-63-9] Formula C ₅₄ H ₈₆ Br ₂ N ₂ O ₂ S ₂ FW 1019.21		

3-(5-Bromothiophen-2-yl)-2,5-bis(2-octyldodecyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1738	
	CAS# Formula FW	 $C_{54}H_{67}BrN_2O_2S_2$ 940.31	
2,5-Bis(2-octyldodecyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1731	
	CAS# Formula FW	 $C_{60}H_{99}BN_2O_4S_2$ 987.38	
2,5-Bis(2-octyldodecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1337	
	CAS# Formula FW	 [1351986-34-9] $C_{66}H_{110}B_2N_2O_6S_2$ 1113.34	
5,5'-(2,5-Bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)		CAT# IN1930	
	CAS# Formula FW	 $C_{56}H_{88}N_2O_4S_2$ 917.44	
2,5-Bis(2-decyltetradecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1732	
	CAS# Formula FW	 [1312588-15-0] $C_{62}H_{104}N_2O_2S_2$ 973.63	

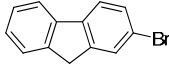
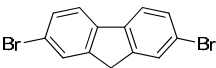
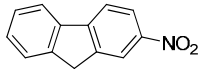
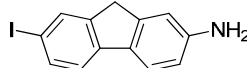
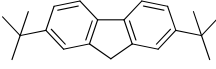
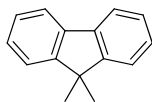
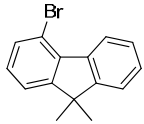
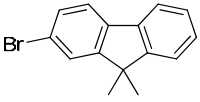
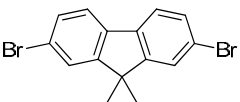
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-decyltetradecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1331	
	CAS# Formula FW	 [1224430-28-7] $C_{62}H_{102}Br_2N_2O_2S_2$ 1131.42	
2,5-Bis(2-decyltetradecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1733	
	CAS# Formula FW	 [1412448-63-5] $C_{74}H_{126}B_2N_2O_6S_2$ 1225.55	
5,5'-(2,5-Bis(2-decyltetradecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)		CAT# IN1737	
	CAS# Formula FW	 $C_{64}H_{104}N_2O_4S_2$ 1029.65	
3,6-Di(thieno[3,2-b]thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1324	
	CAS# Formula FW	 [1246679-11-7] $C_{18}H_8N_2O_2S_4$ 412.53	
2,5-Bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1305	
	CAS# Formula FW	 [1296131-04-8] $C_{28}H_{36}N_2O_6S_2$ 592.72	
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione		CAT# IN1866	
	CAS# Formula FW	 [1296131-94-8] $C_{28}H_{34}Br_2N_2O_6S_2$ 750.52	

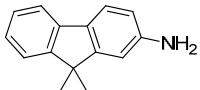
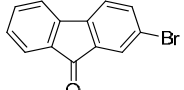
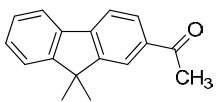
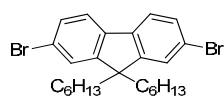
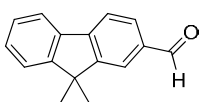
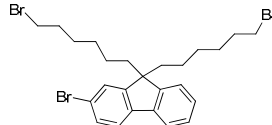
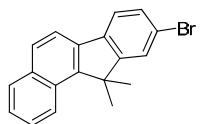
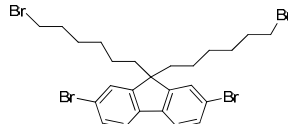
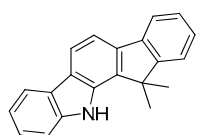
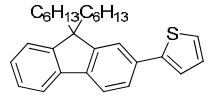
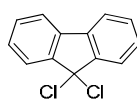
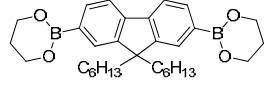
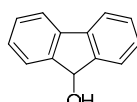
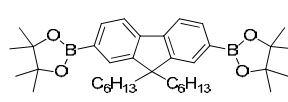
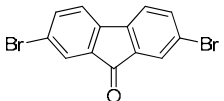
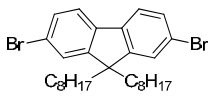
2,5-Bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1864
	CAS# Formula FW
	C ₃₄ H ₅₂ N ₂ O ₆ S ₂ Sn ₂ 918.34
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldodecanoyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1867
	CAS# Formula FW
	[1397261-39-0] C ₅₄ H ₈₂ Br ₂ N ₂ O ₄ S ₂ 1047.18
3,6-Bis(5-bromopyridin-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1306
	CAS# Formula FW
	[777079-50-2] C ₁₆ H ₈ Br ₂ N ₄ O ₂ 448.07
3,6-Bis(5-bromopyridin-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1307
	CAS# Formula FW
	C ₃₂ H ₄₀ Br ₂ N ₄ O ₂ 672.49
3,6-Bis(5-bromopyridin-2-yl)-2,5-bis(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1318
	CAS# Formula FW
	[1455028-34-8] C ₅₆ H ₈₈ Br ₂ N ₄ O ₂ 1009.13

2,5-Bis(10-bromodecyl)-3,6-bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1309
	CAS# Formula FW
	/ C ₃₄ H ₄₄ Br ₄ N ₂ O ₂ S ₂ 896.47
3,6-Di(furan-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	CAT# IN1800
	CAS# Formula FW
	[88949-34-2] C ₁₄ H ₈ N ₂ O ₄ 268.22
1,4-Bis(5-bromothiophen-2-yl)-3,6-bis((2-ethylhexyl)thio)pyrrolo[3,4-c]pyrrole	CAT# IN1903
	CAS# Formula FW
	C ₃₀ H ₃₈ Br ₂ N ₂ S ₄ 714.70
Monomer-DTP Series	
4-Hexyl-4H-dithieno[3,2-b:2',3'-d]pyrrole	CAT# IN1871
	CAS# Formula FW
	[427875-87-4] C ₁₄ H ₁₇ NS ₂ 263.42
4-hexyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	CAT# IN1872
	CAS# Formula FW
	[1072031-97-0] C ₂₆ H ₃₈ B ₂ NO ₄ S ₂ 515.34
N-octyl-dithieno[3,2-b:2,3-d]pyrrole	CAT# IN1040
	CAS# Formula FW
	[141029-75-6] C ₁₆ H ₂₁ NS ₂ 291.47
2,6-Dibromo-N-octyl-dithieno[3,2-b:2,3-d]pyrrole	CAT# IN1041
	CAS# Formula FW
	[1346688-54-7] C ₁₆ H ₁₉ Br ₂ NS ₂ 449.27

2,6-Bis(trimethyltin)-N-octyl-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1341	
	CAS# [1065645-72-8] Formula C ₂₂ H ₃₇ NS ₂ Sn ₂ FW 617.09
4-Octyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1342	
	CAS# [1065645-72-8] Formula C ₂₈ H ₄₃ B ₂ NO ₄ S ₂ FW 543.40
4-(2-Hexyldecyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1740	
	CAS# [1240405-14-4] Formula C ₂₄ H ₃₇ NS ₂ FW 403.69
4-(Heptadecan-9-yl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1630	
	CAS# [943920-67-0] Formula C ₂₅ H ₃₉ NS ₂ FW 417.71
4-(Heptadecan-9-yl)-2,6-bis(trimethylstannyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1881	
	CAS# [943920-77-2] Formula C ₃₁ H ₅₅ NS ₂ Sn ₂ FW 743.33
4-(2-Ethylhexyl)-2,6-bis(trimethylstannyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1640	
	CAS# [1234499-56-9] Formula C ₂₂ H ₃₇ NS ₂ Sn ₂ FW 617.09
4-Dodecyl-2,6-bis(trimethylstannyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1441	
	CAS# [1065645-75-1] Formula C ₂₆ H ₄₅ NS ₂ Sn ₂ FW 673.19

Monomer-Fluorene Series

2-Bromo-9H-fluorene	
CAT# IN1224	
	CAS# [1133-80-8] Formula C ₁₃ H ₉ Br FW 245.12
2,7-Dibromo-9H-fluorene	
CAT# IN1225	
	CAS# [16433-88-8] Formula C ₁₃ H ₇ Br ₂ FW 324.01
2-Nitro-9H-fluorene	
CAT# IN1229	
	CAS# [607-57-8] Formula C ₁₃ H ₉ NO ₂ FW 211.22
7-Iodo-9H-fluorene-2-amine	
CAT# IN1584	
	CAS# [34172-48-0] Formula C ₁₃ H ₁₀ IN FW 307.13
2,7-Di-tert-butyl-9H-fluorene	
CAT# IN1222	
	CAS# [58775-05-6] Formula C ₂₁ H ₂₆ FW 278.43
9,9-Dimethyl-9H-fluorene	
CAT# IN1241	
	CAS# [4569-45-3] Formula C ₁₅ H ₁₄ FW 194.27
4-Bromo-9,9-dimethyl-9H-fluorene	
CAT# IN1218	
	CAS# [942615-32-9] Formula C ₁₅ H ₁₃ Br FW 273.17
2-Bromo-9,9-dimethyl-9H-fluorene	
CAT# IN1220	
	CAS# [28320-31-2] Formula C ₁₅ H ₁₃ Br FW 273.17
2,7-Dibromo-9,9-dimethyl-9H-fluorene	
CAT# IN1223	
	CAS# [28320-32-3] Formula C ₁₅ H ₁₂ Br ₂ FW 352.06

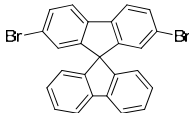
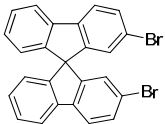
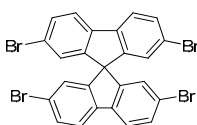
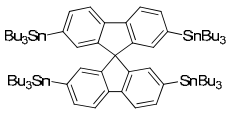
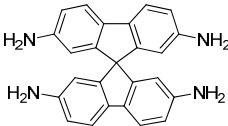
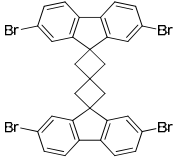
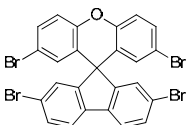
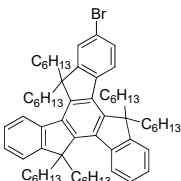
9,9-Dimethyl-9H-fluoren-2-amine CAT# IN1230	2-Bromo-9H-fluorenone CAT# IN1228
 <p>CAS# [108714-73-4] Formula C₁₅H₁₅N FW 209.29</p>	 <p>CAS# [3096-56-8] Formula C₁₃H₇BrO FW 259.10</p>
1-(9,9-Dimethyl-9H-fluoren-2-yl)ethanone CAT# IN1290	2,7-Dibromo-9,9-dihexyl-9H-fluorene CAT# IN1219
 <p>CAS# [108714-73-4] Formula C₁₇H₁₆O FW 236.31</p>	 <p>CAS# [189367-54-2] Formula C₂₅H₃₂Br₂ FW 492.33</p>
9,9-Dimethyl-9H-fluorene-2-carbaldehyde CAT# IN1291	2-Bromo-9,9-bis(6-bromohexyl)-9H-fluorene CAT# IN1727
 <p>CAS# [108714-73-4] Formula C₁₆H₁₄O FW 222.28</p>	 <p>CAS# [438201-29-7] Formula C₂₅H₃₃Br₃ FW 571.23</p>
9-Bromo-11,11-dimethyl-11H-benzo[a]fluorene CAT# IN1216	2,7-Dibromo-9,9-bis(6-bromohexyl)-9H-fluorene CAT# IN1728
 <p>CAS# [1198396-29-0] Formula C₁₉H₁₅Br FW 323.23</p>	 <p>CAS# [570414-33-4] Formula C₂₅H₃₀Br₄ FW 650.12</p>
12,12-Dimethyl-11,12-dihydroindeno[2,1-a]carbazole CAT# IN1295	2-(9,9-Dihexyl-9H-fluoren-2-yl)thiophene CAT# IN1729
 <p>CAS# [1329054-41-2] Formula C₂₁H₁₇N FW 283.37</p>	 <p>CAS# [928227-56-9] Formula C₂₉H₃₆S FW 416.66</p>
9,9-Dichloro-9H-fluorene CAT# IN1231	2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(1,3,2-dioxaborinane) CAT# IN1126
 <p>CAS# [25023-01-2] Formula C₁₃H₆Cl₂ FW 235.11</p>	 <p>CAS# [250597-29-6] Formula C₃₁H₄₄B₂O₄ FW 502.30</p>
9-Hydroxyfluorene CAT# IN1227	2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1123
 <p>CAS# [1689-64-1] Formula C₁₃H₁₀O FW 182.22</p>	 <p>CAS# [254755-24-3] Formula C₃₇H₅₆B₂O₄ FW 584.46</p>
2,7-Dibromo-9H-fluorenone CAT# IN1226	2,7-Dibromo-9,9-dioctyl-9H-fluorene CAT# IN1221
 <p>CAS# [14348-75-5] Formula C₁₃H₆Br₂O FW 337.99</p>	 <p>CAS# [198964-46-4] Formula C₂₉H₄₀Br₂ FW 548.44</p>

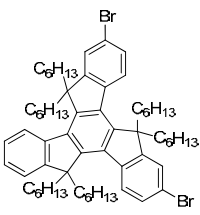
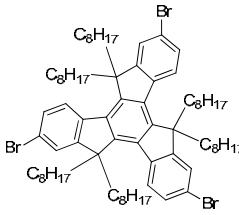
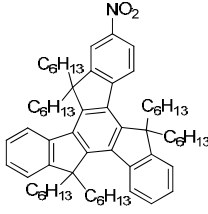
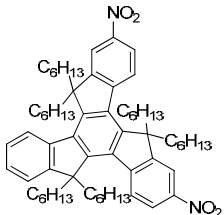
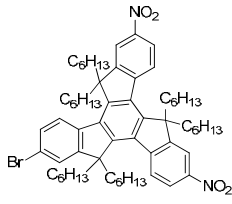
(9,9-Dioctyl-9H-fluorene-2,7-diyl)bis(trimethylstannane)		CAT# IN1124	
	CAS#		
	Formula	C ₃₅ H ₅₆ Sn ₂	
	FW	716.26	
2,2'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)		CAT# IN1125	
	CAS#	[196207-58-6]	
	Formula	C ₄₁ H ₆₄ B ₂ O ₄	
	FW	642.57	
2-(7-Bromo-9,9-dioctyl-9H-fluorene-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1135	
	CAS#	[620624-96-6]	
	Formula	C ₃₅ H ₅₂ BBro ₂	
	FW	595.50	
9,9-Dioctyl-9H-fluorene-2,7-diamine		CAT# IN1012	
	CAS#	[851042-10-9]	
	Formula	C ₂₅ H ₄₄ N ₂	
	FW	420.67	
9,9-Dioctyl-9H-fluorene-2,7-dicarbaldehyde		CAT# IN1909	
	CAS#	[380600-91-9]	
	Formula	C ₃₁ H ₄₂ O ₂	
	FW	446.66	
2-Bromo-9,9-dioctyl-9H-fluorene		CAT# IN1911	
	CAS#	[302554-80-9]	
	Formula	C ₂₅ H ₄₁ Br	
	FW	469.54	
2-(9,9-Dioctyl-9H-fluorene-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1912	
	CAS#	[302554-81-0]	
	Formula	C ₃₅ H ₅₃ BO ₂	
	FW	516.61	
9,9,9',9'-Tetraoctyl-9H,9'H-2,2'-bifluorene		CAT# IN1913	
	CAS#	[302554-79-6]	
	Formula	C ₅₈ H ₈₂	
	FW	779.27	

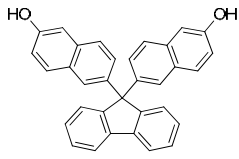
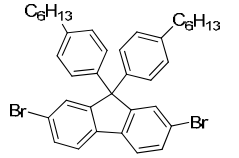
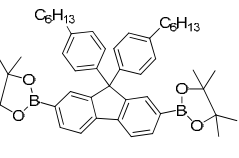
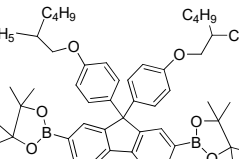
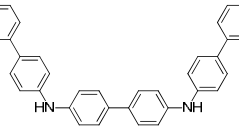
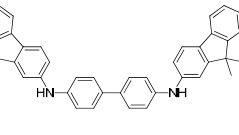
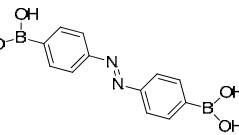
7,7'-Bibromo-9,9,9',9'-tetraoctyl-9H,9'H-2,2'-bifluorene		CAT# IN1915	
	CAS#	[428865-53-6]	
	Formula	C ₅₈ H ₈₀ Br ₂	
	FW	937.06	
7-Bromo-9,9,9',9',9'',9''-hexaocetyl-9H,9'H,9''H-2,2':7',2''-terfluorene		CAT# IN1914	
	CAS#	[409093-95-4]	
	Formula	C ₈₇ H ₁₂₁ Br	
	FW	1246.80	
7,7''-Dibromo-9,9,9',9',9'',9''-hexaocetyl-9H,9'H,9''H-2,2':7',2''-terfluorene		CAT# IN1916	
	CAS#	[646474-54-6]	
	Formula	C ₈₇ H ₁₂₀ Br ₂	
	FW	1325.69	
2,7-Dibromo-9,9-didodecyl-9H-fluorene		CAT# IN1232	
	CAS#	[286438-45-7]	
	Formula	C ₃₇ H ₅₆ Br ₂	
	FW	660.65	
2-(9,9-Dibutyl-9H-fluorene-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1785	
	CAS#	[785051-52-7]	
	Formula	C ₂₇ H ₃₇ BO ₂	
	FW	404.39	
4-(5-(7-Bromo-9,9-dioctyl-9H-fluorene-2-yl)thiophen-2-yl)-7-(5-(tributyls tannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole		CAT# IN1575	
	CAS#	[1581696-33-4]	
	Formula	C ₅₅ H ₇₃ BrN ₂ S ₃ Sn	
	FW	1056.99	
4-(5-Bromothiophen-2-yl)-7-(5-(9,9-dioctyl-7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-2-yl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole		CAT# IN1576	
	CAS#	/	
	Formula	C ₄₉ H ₅₈ BBN ₂ O ₂ S ₃	
	FW	893.91	
4-(5-Bromothiophen-2-yl)-7-(5-(9,9-didodecyl-7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-2-yl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole		CAT# IN1577	
	CAS#	/	
	Formula	C ₅₇ H ₇₄ BBN ₂ O ₂ S ₃	
	FW	1006.12	

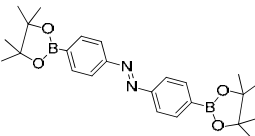
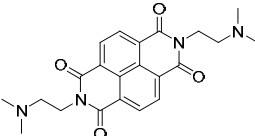
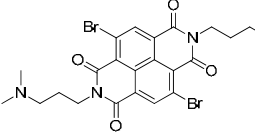
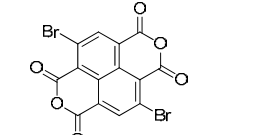
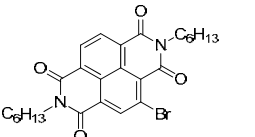
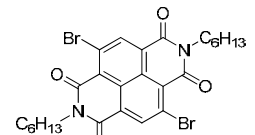
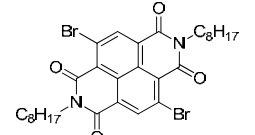
3,3'-(2,7-Dibromo-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1217	
	CAS# [673474-73-2] Formula $C_{23}H_{30}Br_2N_2$ FW 494.31
3,3'-(2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1759	
	CAS# [953390-94-8] Formula $C_{35}H_{54}B_2N_2O_4$ FW 588.44
3,3'-(2-Bromo-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1750	
	CAS# / Formula $C_{23}H_{31}BrN_2$ FW 415.41
3,3'-(2-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1751	
	CAS# / Formula $C_{29}H_{43}BN_2O_2$ FW 462.47
6,6'-(2-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylhexan-1-amine)	
CAT# IN1753	
	CAS# / Formula $C_{35}H_{55}BN_2O_2$ FW 546.63
2,7-Dibromo-9,9-bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)-9H-fluorene	
CAT# IN1757	
	CAS# [439942-93-5] Formula $C_{27}H_{36}Br_2O_6$ FW 616.38
4-Bromo-9,9-diphenyl-9H-fluorene	
CAT# IN1233	
	CAS# [713125-22-5] Formula $C_{25}H_{17}Br$ FW 397.31

2-Bromo-9,9'-spirobi[9H-fluorene]	
CAT# IN1234	
	CAS# [171408-76-7] Formula $C_{25}H_{15}Br$ FW 395.29
2-Bromo-9,9-diphenyl-9H-fluorene	
CAT# IN1235	
	CAS# [474918-32-6] Formula $C_{25}H_{17}Br$ FW 397.31
2-(9,9'-Spirobi[fluoren]-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane	
CAT# IN1643	
	CAS# [884336-44-1] Formula $C_{31}H_{27}BO_2$ FW 442.36
9,9'-Spirobi[fluoren]-2-yltributylstannane	
CAT# IN1644	
	CAS# [2023839-51-0] Formula $C_{37}H_{42}Sn$ FW 605.44
7-Bromo-9,9-diphenyl-9H-fluorene-2-carbonitrile	
CAT# IN1272	
	CAS# [1539314-80-1] Formula $C_{26}H_{16}BrN$ FW 422.32
2,7-Dibromo-9,9-diphenyl-9H-fluorene	
CAT# IN1236	
	CAS# [186259-63-2] Formula $C_{25}H_{16}Br_2$ FW 476.20
9,9-Bis(3-bromophenyl)-9H-fluorene	
CAT# IN1278	
	CAS# [1211547-22-6] Formula $C_{25}H_{16}Br_2$ FW 476.20

2,7-Dibromo-9,9'-spirobifluorene		CAT# IN1237	
	CAS#	[171408-84-7]	
	Formula	C ₂₅ H ₁₄ Br ₂	
	FW	474.19	
2,2'-Dibromo-9,9'-spirobi[9H-fluorene]		CAT# IN1238	
	CAS#	[67665-47-8]	
	Formula	C ₂₅ H ₁₄ Br ₂	
	FW	474.19	
2,2',7,7'-Tetrabromo-9,9'-spirobifluorene		CAT# IN1239	
	CAS#	[128055-74-3]	
	Formula	C ₂₅ H ₁₂ Br ₄	
	FW	631.98	
2,2',7,7'-Tetrakis(tributylstannyl)-9,9'-spirobi[fluorene]		CAT# IN1299	
	CAS#		
	Formula	C ₇₃ H ₁₂₀ Sn ₄	
	FW	1472.57	
9,9'-Spirobi[fluorene]-2,2',7,7'-tetraamine		CAT# IN1649	
	CAS#	[376356-61-5]	
	Formula	C ₂₅ H ₂₀ N ₄	
	FW	376.45	
Spiro[3.3]heptane, 2,6-bis(2,7-dibromo-9H-fluorene)-		CAT# IN1797	
	CAS#		
	Formula	C ₃₁ H ₂₀ Br ₄	
	FW	712.11	
2,2',7,7'-Tetrabromospiro[fluorene-9,9'-xanthene]		CAT# IN1997	
	CAS#	[1338596-81-8]	
	Formula	C ₂₅ H ₁₂ Br ₄ O	
	FW	647.98	
2-Bromo-5,5,10,10,15,15-hexaethyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene		CAT# IN3003	
	CAS#		
	Formula	C ₆₃ H ₈₈ Br	
	FW	926.28	

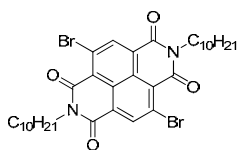
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	CAS#		
	Formula	C ₆₃ H ₈₈ Br ₂	
	FW	1005.18	
2,7,12-Tribromo-5,5,10,10,15,15-hexaethyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene		CAT# IN3005	
	CAS#		
	Formula	C ₇₅ H ₁₁₁ Br ₃	
	FW	1252.40	
5,5,10,10,15,15-Hexaethyl-2-nitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene		CAT# IN3011	
	CAS#		
	Formula	C ₆₃ H ₈₉ NO ₂	
	FW	892.39	
5,5,10,10,15,15-Hexaethyl-2,7-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene		CAT# IN3013	
	CAS#		
	Formula	C ₆₃ H ₈₈ N ₂ O ₄	
	FW	937.38	
2-Bromo-5,5,10,10,15,15-hexaethyl-7,12-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene		CAT# IN3015	
	CAS#		
	Formula	C ₆₃ H ₈₇ BrN ₂ O ₄	
	FW	1016.28	

6,6'-(9H-Fluorene-9,9-diyl)dinaphthalen-2-ol	CAT# IN1260
	CAS# [934557-66-1] Formula C ₃₃ H ₂₂ O ₂ FW 450.53
2,7-Dibromo-9,9-bis(4-hexylphenyl)-9H-fluorene	CAT# IN1628
	CAS# / Formula C ₃₇ H ₄₀ Br ₂ FW 644.52
2,2'-(9,9-Bis(4-hexylphenyl)-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)	CAT# IN1629
	CAS# [1206875-64-0] Formula C ₄₀ H ₆₄ B ₂ O ₄ FW 738.65
2,7-Bis(4,4,5,5-tetramethyl-1,3,3-dioxaborolan-2-yl)-9,9-bis(4-(2-ethylhexyloxy)phenyl)fluorene	CAT# IN1264
	CAS# / Formula C ₅₃ H ₇₂ B ₂ O ₆ FW 826.76
N⁴,N⁴'-di([1,1'-biphenyl]-4-yl)-[1,1'-biphenyl]-4,4'-diamine	CAT# IN1268
	CAS# / Formula C ₃₆ H ₂₈ N ₂ FW 488.62
N⁴,N⁴'-bis(9,9-dimethyl-9H-fluoren-2-yl)-[1,1'-biphenyl]-4,4'-diamine	CAT# IN1269
	CAS# / Formula C ₄₂ H ₃₆ N ₂ FW 568.75
(E)-(diazene-1,2-diylbis(4,1-phenylene))diboric acid	CAT# IN3020
	CAS# [1902168-17-5] Formula C ₁₂ H ₁₂ B ₂ N ₂ O ₄ FW 269.86

(E)-1,2-bis(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)diazene	CAT# IN3021
	CAS# [1432792-09-0] Formula C ₂₄ H ₃₂ B ₂ N ₂ O ₄ FW 434.14
Monomer-NDI Series	
2,7-Bis(2-(dimethylamino)ethyl)benzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone	CAT# IN1071
	CAS# [22291-04-9] Formula C ₂₂ H ₂₄ N ₄ O ₄ FW 408.45
4,9-Dibromo-2,7-bis(3-(dimethylamino)propyl)benzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone	CAT# IN1078
	CAS# [1375748-41-6] Formula C ₂₄ H ₂₆ Br ₂ N ₄ O ₄ FW 594.30
5,10-Dibromoisochromeno[6,5,4-def]isochromene-1,3,6,8(3aH,8aH)-tetraone	CAT# IN1072
	CAS# [83204-68-6] Formula C ₁₄ H ₄ Br ₂ O ₆ FW 425.97
4-Bromo-2,7-dihexylbenzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone	CAT# IN1020
	CAS# [1315605-26-5] Formula C ₂₆ H ₂₉ BrN ₂ O ₄ FW 513.42
4,9-Dibromo-2,7-dihexylbenzo[Imn][3,8]phenanthroline-1,3,6,8-tetraone	CAT# IN1021
	CAS# [1239327-73-1] Formula C ₂₆ H ₂₉ Br ₂ N ₂ O ₄ FW 592.32
2,6-Dibromo-N,N'-di-n-octyl-1,8:4,5-naphthalenetetracarboxdiimide	CAT# IN1895
	CAS# [926643-78-9] Formula C ₃₀ H ₃₆ Br ₂ N ₂ O ₄ FW 648.43

4,9-Dibromo-2,7-didecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

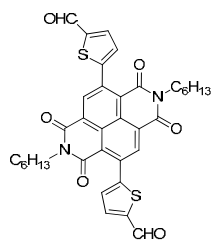
CAT# IN1261



CAS# /
Formula $C_{34}H_{44}Br_2N_2O_4$
FW 704.53

5,5'-(2,7-Dihexyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-diyl)bis(thiophene-2-carbaldehyde)

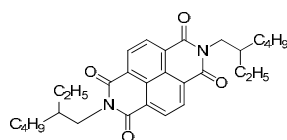
CAT# IN1550



CAS# /
Formula $C_{36}H_{34}N_2O_6S_2$
FW 654.79

2,7-Bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

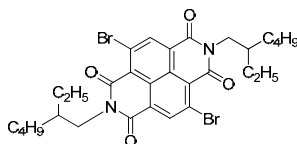
CAT# IN1164



CAS# /
Formula $C_{30}H_{38}N_2O_4$
FW 490.63

4,9-Dibromo-2,7-bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

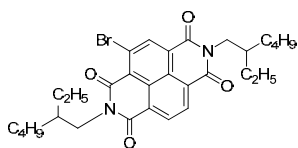
CAT# IN1209



CAS# [1088205-02-0]
Formula $C_{30}H_{36}Br_2N_2O_4$
FW 648.43

4-Bromo-2,7-bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

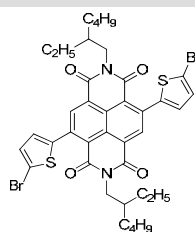
CAT# IN1210



CAS# /
Formula $C_{30}H_{37}BrN_2O_4$
FW 569.53

4,9-Bis(5-bromothiophen-2-yl)-2,7-bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

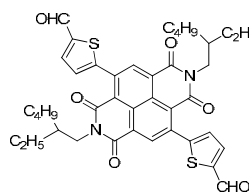
CAT# IN1854



CAS# [1320282-67-4]
Formula $C_{38}H_{40}Br_2N_2O_4S_2$
FW 812.67

5,5'-(2,7-Bis(2-ethylhexyl)-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-diyl)bis(thiophene-2-carbaldehyde)

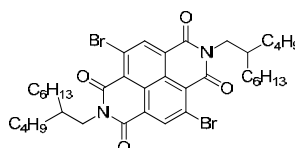
CAT# IN1262



CAS# /
Formula $C_{40}H_{42}N_2O_6S_2$
FW 710.90

4,9-Dibromo-2,7-bis(2-butyl-octyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

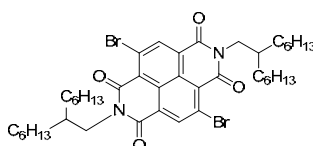
CAT# IN1265



CAS# [1614253-96-1]
Formula $C_{38}H_{52}Br_2N_2O_4$
FW 760.64

4,9-Dibromo-2,7-bis(2-hexyl-octyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

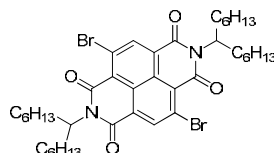
CAT# IN1266



CAS# /
Formula $C_{42}H_{50}Br_2N_2O_4$
FW 816.74

4,9-Dibromo-2,7-di(tridecan-7-yl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

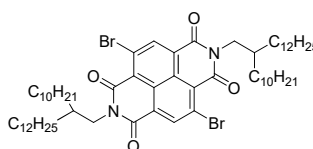
CAT# IN1247



CAS# /
Formula $C_{40}H_{56}Br_2N_2O_4$
FW 788.69

4,9-Dibromo-2,7-bis(2-decyltetradecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

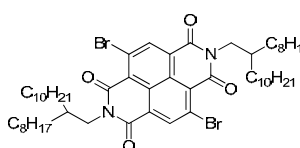
CAT# IN1022



CAS# [1088205-04-2]
Formula $C_{62}H_{100}Br_2N_2O_4$
FW 1097.28

4,9-Dibromo-2,7-bis(2-octyldodecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

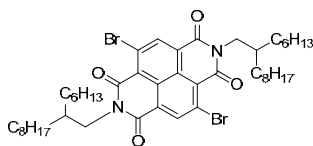
CAT# IN1023



CAS# [1100243-35-3]
Formula $C_{54}H_{84}Br_2N_2O_4$
FW 985.06

4,9-Dibromo-2,7-bis(2-hexyldecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

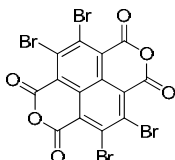
CAT# IN1248



CAS# [1459168-68-3]
Formula $C_{46}H_{68}Br_2N_2O_4$
FW 872.85

4,5,9,10-Tetrabromoisochromeno[6,5,4-*def*]isochromene-1,3,6,8-tetraone

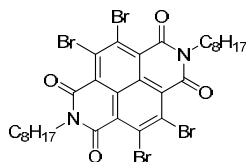
CAT# IN1073



CAS# [299962-88-2]
Formula $C_{14}Br_4O_6$
FW 583.76

4,5,9,10-Tetrabromo-2,7-dioctylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

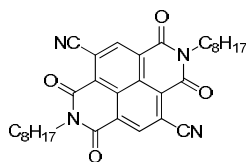
CAT# IN1076



CAS# [954374-43-7]
Formula $C_{30}H_{34}Br_4N_2O_4$
FW 806.22

2,7-Dioctyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-dicarbonitrile

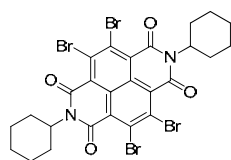
CAT# IN1876



CAS# [942130-56-5]
Formula $C_{32}H_{36}N_4O_4$
FW 540.65

4,5,9,10-Tetrabromo-2,7-dicyclohexylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

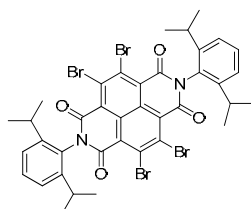
CAT# IN1276



CAS# /
Formula $C_{26}H_{22}Br_4N_2O_4$
FW 746.08

4,5,9,10-Tetrabromo-2,7-bis(2,6-diisopropylphenyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

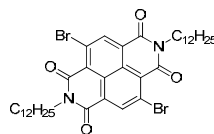
CAT# IN1536



CAS# [943148-75-2]
Formula $C_{38}H_{34}Br_4N_2O_4$
FW 902.30

4,9-Dibromo-2,7-didodecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

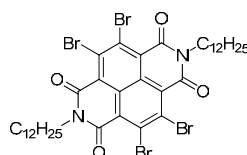
CAT# IN1274



CAS#
Formula $C_{38}H_{52}Br_2N_2O_4$
FW 760.64

4,5,9,10-Tetrabromo-2,7-didodecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

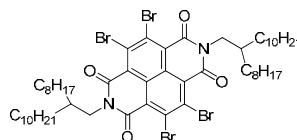
CAT# IN1074



CAS#
Formula $C_{38}H_{50}Br_4N_2O_4$
FW 918.43

4,5,9,10-Tetrabromo-2,7-bis(2-octyldecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

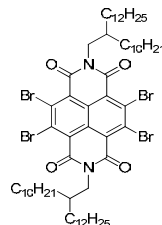
CAT# IN1075



CAS# [1219501-17-3]
Formula $C_{54}H_{82}Br_4N_2O_4$
FW 1142.86

4,5,9,10-Tetrabromo-2,7-bis(2-decyltetradecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

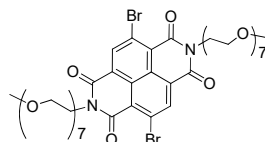
CAT# IN1747



CAS# [1219501-16-2]
Formula $C_{62}H_{98}Br_4N_2O_4$
FW 1255.07

4,9-Dibromo-2,7-di(2,5,8,11,14,17,20-heptaaxadocosan-22-yl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAT# IN1856

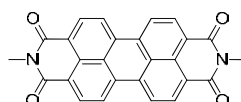


CAS#
Formula $C_{44}H_{64}Br_2N_2O_{18}$
FW 1068.79

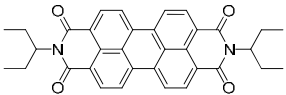
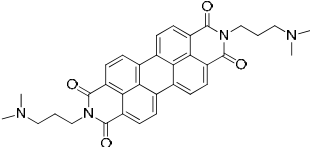
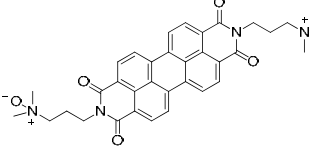
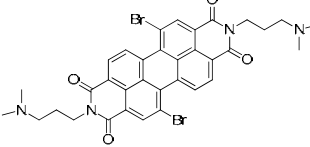
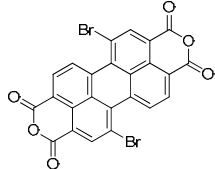
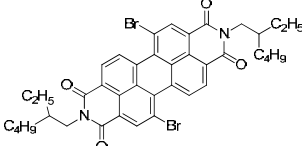
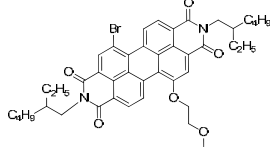
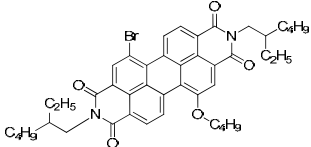
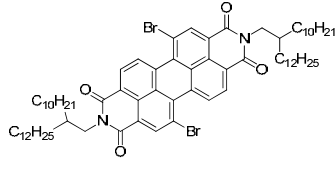
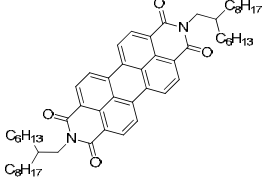
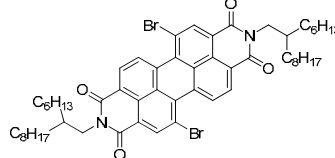
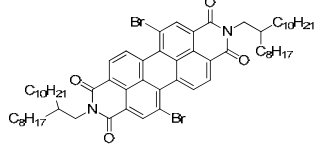
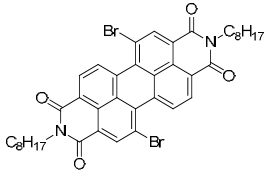
Monomer-PDI Series

2,9-Dimethylantra[2,1,9-*def*:6,5,10-*d'e'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

CAT# IN1214

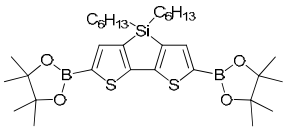
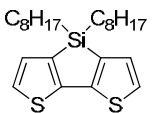
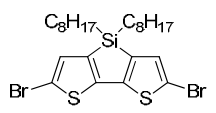
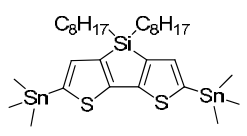
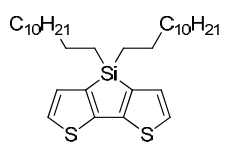
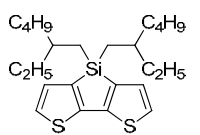
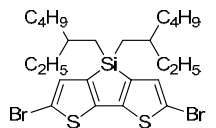


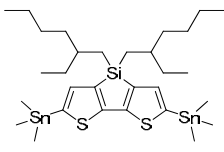
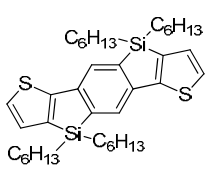
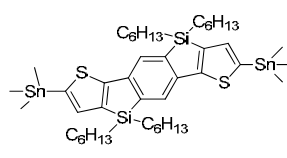
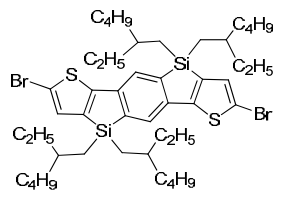
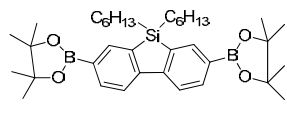
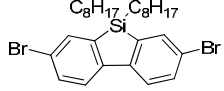
CAS#
Formula $C_{26}H_{14}N_2O_4$
FW 418.40

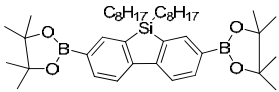
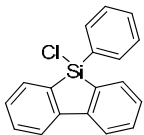
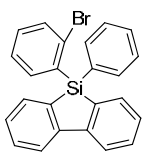
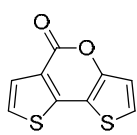
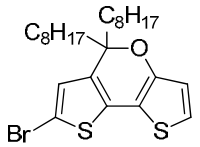
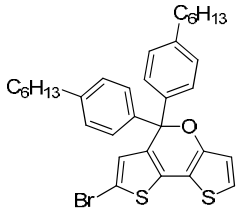
<p><i>N,N'</i>-Bis(pentan-3-yl)-3,4,9,10-perylene diimide</p> <p style="text-align: right;">CAT# IN1215</p>	
 <p>CAS# [110590-81-3] Formula C₃₄H₃₀N₂O₄ FW 530.61</p>	
<p>2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p>PDIN</p> <p style="text-align: right;">CAT# IN1279</p>	
 <p>CAS# [117901-97-0] Formula C₃₄H₃₂N₄O₄ FW 560.64</p>	
<p>3,3'-(1,3,8,10-Tetraoxanthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-2,9(1H,3H,8H,10H)-diyl)bis(<i>N,N</i>-dimethylpropan-1-amine oxide)</p> <p>PDINO</p> <p style="text-align: right;">CAT# IN1277</p>	
 <p>CAS# [1558023-86-1] Formula C₃₄H₃₂N₄O₆ FW 592.64</p>	
<p>5,12-Dibromo-2,9-bis(3-(dimethylamino)propyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1289</p>	
 <p>CAS# [118129-60-5] Formula C₂₄H₆Br₂O₆ FW 550.11</p>	
<p>1,7-Dibromoperylene-3,4:9,10-tetracarboxylic acid dianhydride</p> <p style="text-align: right;">CAT# IN1211</p>	
 <p>CAS# [118129-60-5] Formula C₂₄H₆Br₂O₆ FW 550.11</p>	
<p><i>N,N'</i>-bis(2-ethylhexyl)-1,7-dibromo-3,4,9,10-perylene tetracarboxylic diimide</p> <p style="text-align: right;">CAT# IN1212</p>	
 <p>CAS# [851786-15-7] Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56</p>	
<p>5-Bromo-2,9-bis(2-ethylhexyl)-12-(2-methoxyethoxy)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1280</p>	
 <p>CAS# [1100243-37-5] Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56</p>	
<p>5-Bromo-12-butoxy-2,9-bis(2-ethylhexyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1281</p>	
 <p>CAS# [1356240-65-7] Formula C₄₄H₄₈BrN₂O₅ FW 765.77</p>	
<p>5,12-Dibromo-2,9-bis(2-decyltetradecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1213</p>	
 <p>CAS# [909019-78-9] Formula C₇₂H₁₀₄Br₂N₂O₄ FW 1221.42</p>	
<p>2,9-Bis(2-hexyldecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1885</p>	
 <p>CAS# [909019-78-9] Formula C₇₂H₁₀₄Br₂N₂O₄ FW 1221.42</p>	
<p>5,12-Dibromo-2,9-bis(2-hexyldecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1285</p>	
 <p>CAS# [909019-78-9] Formula C₇₂H₁₀₄Br₂N₂O₄ FW 1221.42</p>	
<p>5,12-Dibromo-2,9-bis(2-octyl-dodecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1283</p>	
 <p>CAS# [1100243-37-5] Formula C₆₄H₈₈Br₂N₂O₄ FW 1109.20</p>	
<p>5,12-Dibromo-2,9-dioctylanthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone</p> <p style="text-align: right;">CAT# IN1284</p>	
 <p>CAS# [1100243-37-5] Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56</p>	

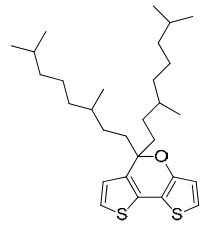
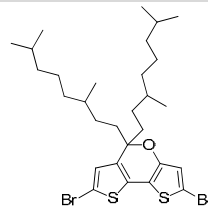
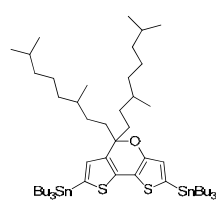
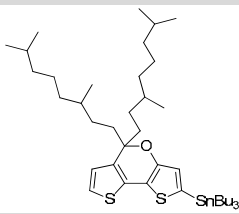
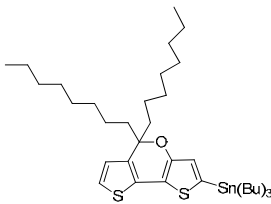

4,4'-(5,6,12,13-Tetrachloro-1,3,8,10-tetraoxanthra[2,1,9-def:6,5,10-d'e 'f']diisoquinoline-2,9(1H,3H,8H,10H)-diyl)dibenzoic acid	
CAT# IN1213	
	<p>CAS# Formula $C_{38}H_{14}Cl_4N_2O_8$ FW 768.34</p>
Monomer-Phthalimide Series	
N-Octyl-phthalimide	
CAT# IN1028	
	<p>CAS# [59333-62-9] Formula $C_{18}H_{21}NO_2$ FW 259.34</p>
N-Octyl-3,6-dibromophthalimide	
CAT# IN1036	
	<p>CAS# [1362255-33-1] Formula $C_{16}H_{19}Br_2NO_2$ FW 417.14</p>
3,6-Dibromo-N-(2-ethylhexyl)phthalimide	
CAT# IN1424	
	<p>CAS# [863027-98-9] Formula $C_{16}H_{19}Br_2NO_2$ FW 417.14</p>
4,7-Dibromo-2-(2-hexyloctyl)isoindoline-1,3-dione	
CAT# IN1426	
	<p>CAS# Formula $C_{22}H_{31}Br_2NO_2$ FW 501.30</p>
4,7-Dibromo-2-(2-hexyldecyl)isoindoline-1,3-dione	
CAT# IN1427	
	<p>CAS# [1612792-27-4] Formula $C_{24}H_{35}Br_2NO_2$ FW 529.35</p>

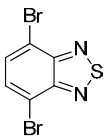
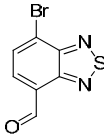
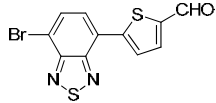
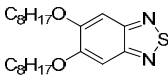
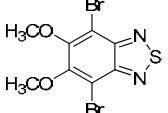
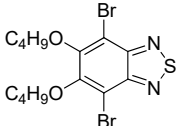
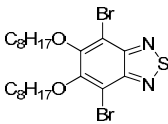
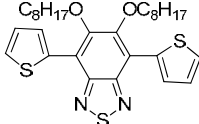
3,6-Bis(thieno-2-yl)-N-(2-ethylhexyl)phthalimide	
CAT# IN1425	
	<p>CAS# Formula $C_{24}H_{25}NO_2S_2$ FW 423.59</p>
3,6-Bis(thieno-2-yl)-N-(2-octyldodecyl)phthalimide	
CAT# IN1428	
	<p>CAS# Formula $C_{36}H_{49}NO_2S_2$ FW 591.91</p>
(2-Hexyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid	
CAT# IN1432	
	<p>CAS# Formula $C_{14}H_{19}B_2NO_6$ FW 318.93</p>
(2-Octyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid	
CAT# IN1433	
	<p>CAS# Formula $C_{16}H_{23}B_2NO_6$ FW 346.98</p>
Monomer-Silole (DTS) Series	
4,4-Dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene	
CAT# IN1874	
	<p>CAS# [906372-08-5] Formula $C_{20}H_{30}S_2Si$ FW 362.67</p>
2,6-Dibromo-4,4-dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene	
CAT# IN1251	
	<p>CAS# [188690-66-6] Formula $C_{20}H_{28}Br_2S_2Si$ FW 520.46</p>
6-Bromo-4,4-dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene-2-carbaldehyde	
CAT# IN1884	
	<p>CAS# [1192035-50-9] Formula $C_{21}H_{29}BrOS_2Si$ FW 469.57</p>

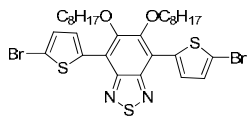
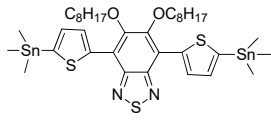
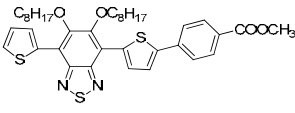
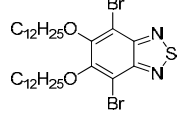
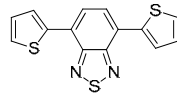
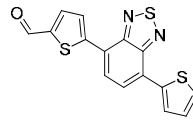
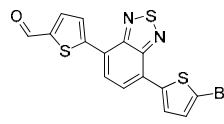
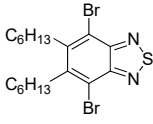
4,4-Dihexyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-silolo[3,2-b:4,5-b]dithiophene	CAT# IN1875
	CAS# [1445594-20-6] Formula C ₃₂ H ₅₂ B ₂ O ₄ S ₂ Si FW 614.59
4,4'-Bis(octyl)-dithieno[3,2-b:2',3'-d]silole	CAT# IN1046
	CAS# [1160106-12-6] Formula C ₂₄ H ₃₆ S ₂ Si FW 418.77
4,4'-Bis(octyl)-5,5'-dibromo-dithieno[3,2-b:2',3'-d]silole	CAT# IN1256
	CAS# [1160106-15-9] Formula C ₂₄ H ₃₆ Br ₂ S ₂ Si FW 576.57
4,4'-Bis(octyl)-5,5'-bis(trimethyltin)-dithieno[3,2-b:2',3'-d]silole	CAT# IN1257
	CAS# [1160106-15-9] Formula C ₃₀ H ₅₄ S ₂ SiSn ₂ FW 744.39
4,4-Didodecyl-4H-silolo[3,2-b:4,5-b]dithiophene	CAT# IN1271
	CAS# [1500083-25-9] Formula C ₃₂ H ₅₄ S ₂ Si FW 530.99
4,4'-Bis(2-ethyl-hexyl)-dithieno[3,2-b:2',3'-d]silole	CAT# IN1253
	CAS# [1207627-85-7] Formula C ₂₄ H ₃₈ S ₂ Si FW 418.77
4,4'-Bis(2-ethyl-hexyl)-5,5'-dibromo-dithieno[3,2-b:2',3'-d]silole	CAT# IN1254
	CAS# [1089687-05-7] Formula C ₂₄ H ₃₈ Br ₂ S ₂ Si FW 576.57

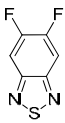
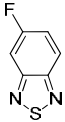
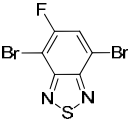
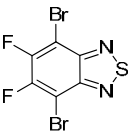

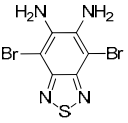
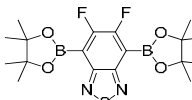
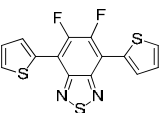
4,4'-Bis(2-ethyl-hexyl)-5,5'-bis(trimethyltin)-dithieno[3,2-b:2',3'-d]silole	CAT# IN1255
	CAS# [1089687-06-8] Formula C ₃₀ H ₅₄ S ₂ SiSn ₂ FW 744.39
Benzo[1,2-b:4,5-b]bis(4,4'-dihexyl-4H-silolo[3,2-b]thiophene)	CAT# IN1460
	CAS# [1569453-45-7] Formula C ₃₈ H ₅₈ S ₂ Si ₂ FW 635.18
2,7-Bis(trimethylstannyl)-benzo[1,2-b:4,5-b]bis(4,4'-dihexyl-4H-silolo[3,2-b]thiophene)	CAT# IN1503
	CAS# [1569453-45-7] Formula C ₄₄ H ₇₄ S ₂ Si ₂ Sn ₂ FW 960.78
2,7-Dibromo-benzo[1,2-b:4,5-b]bis(4,4'-diethylhexyl-4H-silolo[3,2-b]thiophene)	CAT# IN1544
	CAS# [1569453-45-7] Formula C ₄₆ H ₇₂ Br ₂ S ₂ Si ₂ FW 905.17
5,5-Dihexyl-3,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5H-dibenzo[b,d]silole	CAT# IN1434
	CAS# [852138-91-1] Formula C ₃₈ H ₅₈ B ₂ O ₄ Si FW 602.53
3,7-Dibromo-5,5-dioctyl-5H-dibenzo[b,d]silole	CAT# IN1453
	CAS# [891182-24-4] Formula C ₂₈ H ₄₀ Br ₂ Si FW 564.51

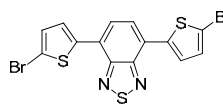
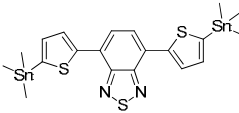
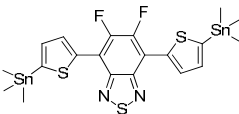
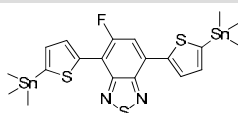
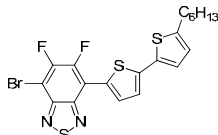
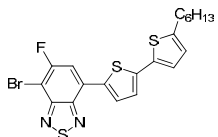
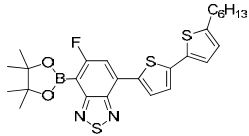
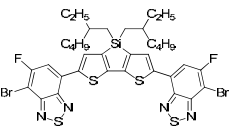
5,5-Dioctyl-3,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5H-dibenzo[b,d]silole	
CAT# IN1454	
	CAS# [958293-23-7] Formula C ₄₀ H ₆₄ B ₂ O ₄ Si FW 658.64
5-Chloro-5-phenyl-5H-dibenzo[b,d]silole	
CAT# IN1437	
	CAS# [18766-52-4] Formula C ₁₈ H ₁₃ ClSi FW 292.83
5-(2-Bromophenyl)-5-phenyl-5H-dibenzo[b,d]silole	
CAT# IN1439	
	CAS# / Formula C ₂₄ H ₁₇ BrSi FW 413.38
Monomer-DTPO Series	
5H-dithieno[3,2-b:2',3'-d]pyran-5-one	
CAT# IN1507	
	CAS# [1295502-12-3] Formula C ₉ H ₄ O ₂ S ₂ FW 208.26
7-Bromo-5,5-dioctyl-5H-dithieno[3,2-b:2',3'-d]pyran	
CAT# IN1810	
	CAS# / Formula C ₂₉ H ₃₇ BrOS ₂ FW 497.59
7-Bromo-5,5-bis(4-hexylphenyl)-5H-dithieno[3,2-b:2',3'-d]pyran	
CAT# IN1811	
	CAS# / Formula C ₃₃ H ₃₇ BrOS ₂ FW 593.68

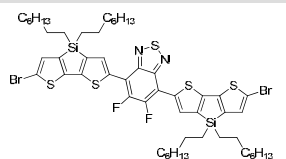
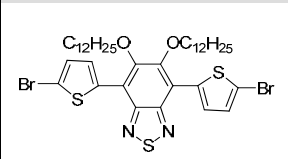
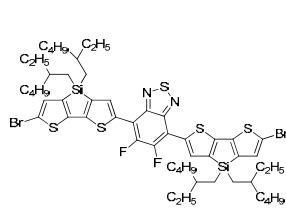
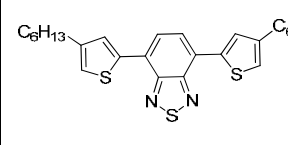
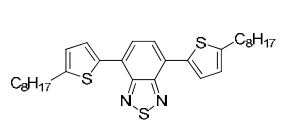
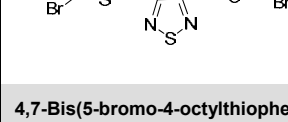
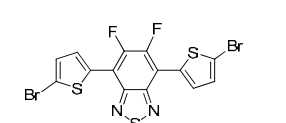
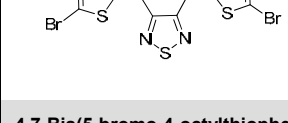
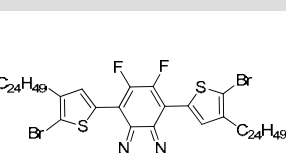
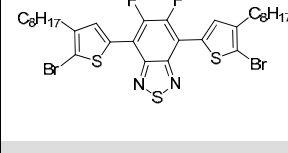
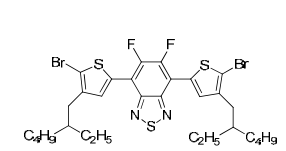
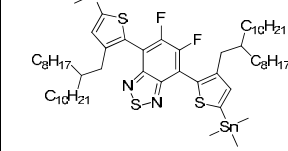
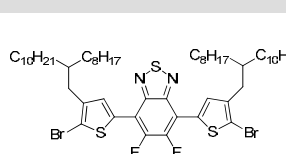
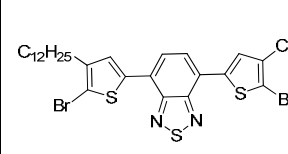
5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran	
CAT# IN1508	
	CAS# [1295502-20-3] Formula C ₂₉ H ₄₆ OS ₂ FW 474.80
2,7-Dibromo-5,5-bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran	
CAT# IN1509	
	CAS# / Formula C ₂₈ H ₄₄ Br ₂ OS ₂ FW 632.60
(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2,7-diyl)bis(tributylstannane)	
CAT# IN1510	
	CAS# [1295502-52-1] Formula C ₅₃ H ₉₈ OS ₂ Sn ₂ FW 1052.89
(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2-yl)tributylstannane	
CAT# IN1511	
	CAS# / Formula C ₄₁ H ₇₂ OS ₂ Sn FW 763.85
Tributyl(5,5-dioctyl-5H-dithieno[3,2-b:2',3'-d]pyran-2-yl)stannane	
CAT# IN1551	
	CAS# / Formula C ₃₇ H ₆₄ OS ₂ Sn FW 707.74
Monomer-Benzo-thiadiazole (BT) Series	
4-Bromobenzo[c][1,2,5]thiadiazole	
CAT# IN1447	
	CAS# [2 2034-13-5] Formula C ₆ H ₃ BrN ₂ S FW 215.07

4,7-Dibromobenzo[c][1,2,5]thiadiazole	CAT# IN1006
	CAS# [1 5155-41-6] Formula C ₆ H ₂ Br ₂ N ₂ S FW 293.97
7-Bromobenzo[c][1,2,5]thiadiazole-4-carbaldehyde	CAT# IN1446
	CAS# [1 071224-34-4] Formula C ₇ H ₃ BrN ₂ OS FW 243.08
5-(7-Bromobenzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde	CAT# IN1546
	CAS# [1 309922-61-9] Formula C ₁₁ H ₅ BrN ₂ OS ₂ FW 325.20
5,6-Bis(octyloxy)benzo-2,1,3-thiadiazole	CAT# IN1037
	CAS# [1254353-37-1] Formula C ₂₂ H ₃₆ N ₂ O ₂ S FW 392.60
4,7-Dibromo-5,6-dimethoxybenzo[c][1,2,5]thiadiazole	CAT# IN1699
	CAS# [1415601-55-6] Formula C ₈ H ₆ Br ₂ N ₂ O ₂ S FW 354.02
4,7-Dibromo-5,6-dibutoxybenzo[c][1,2,5]thiadiazole	CAT# IN1701
	CAS# [1192352-08-1] Formula C ₁₄ H ₁₈ Br ₂ N ₂ O ₂ S FW 438.18
4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-thiadiazole	CAT# IN1038
	CAS# [1192352-08-1] Formula C ₂₂ H ₃₄ Br ₂ N ₂ O ₂ S FW 550.39
5,6-Bis(octyloxy)-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1039
	CAS# [1192352-08-1] Formula C ₃₀ H ₄₀ N ₂ O ₂ S ₃ FW 556.85

4,7-Bis(5-bromothiophen-2-yl)5,6-bis(octyloxy)benzo-2,1,3-thiadiazole	CAT# IN1429
	CAS# [1192352-10-5] Formula C ₃₀ H ₃₆ Br ₂ N ₂ O ₂ S ₃ FW 714.64
5,6-Bis(octyloxy)-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1430
	CAS# [1192352-10-5] Formula C ₃₆ H ₅₆ N ₂ O ₂ S ₃ Sn ₂ FW 882.46
Methyl 4-(5-(5,6-bis(octyloxy)-7-(thiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophen-2-yl)benzoate	CAT# IN1431
	CAS# [1192352-10-5] Formula C ₃₈ H ₄₆ N ₂ O ₄ S ₃ FW 690.98
4,7-Dibromo-5,6-bis(dodecyloxy)benzo[c][1,2,5]thiadiazole	CAT# IN1198
	CAS# [1313876-00-4] Formula C ₃₀ H ₅₀ Br ₂ N ₂ O ₂ S FW 662.60
4,7-Di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1079
	CAS# [165190-76-1] Formula C ₁₄ H ₈ N ₂ S ₃ FW 300.42
5-(7-(Thiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde	CAT# IN1845
	CAS# [1192352-10-5] Formula C ₁₅ H ₈ N ₂ OS ₃ FW 328.43
5-(7-(5-Bromothiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde	CAT# IN1849
	CAS# [1315507-67-5] Formula C ₁₅ H ₇ BrN ₂ OS ₃ FW 407.33
4,7-Dibromo-5,6-dihexylbenzo[c][1,2,5]thiadiazole	CAT# IN1680
	CAS# [1192352-08-1] Formula C ₁₈ H ₂₆ Br ₂ N ₂ S FW 462.29

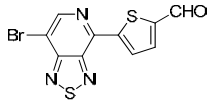
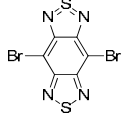
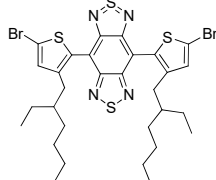
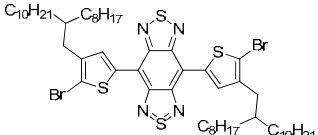
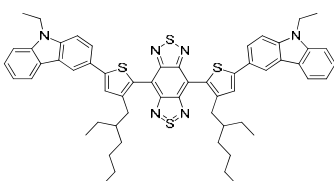
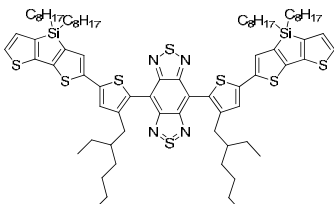
5,6-Difluorobenzo[c][1,2,5]thiadiazole	CAT# IN1308
	CAS# [1293389-28-2] Formula C ₆ H ₂ F ₂ N ₂ S FW 172.16
5-Fluorobenzo[c][1,2,5]thiadiazole	CAT# IN1422
	CAS# [17821-75-9] Formula C ₆ H ₃ FN ₂ S FW 154.16
4,7-Dibromo-5-fluorobenzo[c][1,2,5]thiadiazole	CAT# IN1092
	CAS# [1347736-74-6] Formula C ₆ HBr ₂ FN ₂ S FW 311.96
5,6-Difluoro-4,7-dibromobenzo[c][1,2,5]thiadiazole	CAT# IN1098
	CAS# [1295502-53-2] Formula C ₆ Br ₂ F ₂ N ₂ S FW 329.95
4,7-Dibromo-5,6-dinitrobenzo[c][1,2,5]thiadiazole	CAT# IN1293
	CAS# [76186-72-6] Formula C ₆ Br ₂ N ₄ O ₄ S FW 383.96
4,7-Dibromobenzo[c][1,2,5]thiadiazole-5,6-diamine	CAT# IN1298
	CAS# [141215-32-9] Formula C ₆ H ₄ Br ₂ N ₄ S FW 324.00
5,6-Difluoro-4,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1590
	CAS# [1295502-63-4] Formula C ₁₈ H ₂₄ B ₂ F ₂ N ₂ O ₄ S FW 424.08
5,6-difluoro-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1097
	CAS# [1304773-88-3] Formula C ₁₄ H ₆ F ₂ N ₂ S ₃ FW 336.40

4,7-Bis(2-bromo-5-thienyl)-2,1,3-benzothiadiazole	CAT# IN1069
	CAS# [288071-87-4] Formula C ₁₄ H ₆ Br ₂ N ₂ S ₃ FW 458.21
4,7-Bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1195
	CAS# [1025451-57-3] Formula C ₂₀ H ₂₄ N ₂ S ₃ Sn ₂ FW 626.03
5,6-Difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1597
	CAS# [1421762-30-2] Formula C ₂₀ H ₂₂ F ₂ N ₂ S ₃ Sn ₂ FW 662.01
5-Fluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1600
	CAS# [1611002-56-2] Formula C ₂₀ H ₂₃ FN ₂ S ₃ Sn ₂ FW 644.02
4-Bromo-5,6-difluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1599
	CAS# [1774364-87-2] Formula C ₂₀ H ₁₇ BrF ₂ N ₂ S ₃ FW 499.46
4-Bromo-5-fluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1560
	CAS# [1402460-83-6] Formula C ₂₀ H ₁₈ BrFN ₂ S ₃ FW 481.47
5-Fluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]thiadiazole	CAT# IN1563
	CAS# / Formula C ₂₆ H ₃₀ BFN ₂ O ₂ S ₃ FW 528.53
7,7'-(4,4-Bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophene-2,6-diyl)bis(4-bromo-5-fluorobenzo[c][1,2,5]thiadiazole)	CAT# IN1562
	CAS# / Formula C ₃₆ H ₃₈ Br ₂ F ₂ N ₄ S ₄ Si FW 880.86

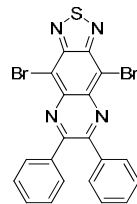
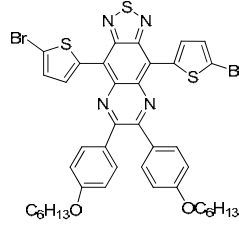
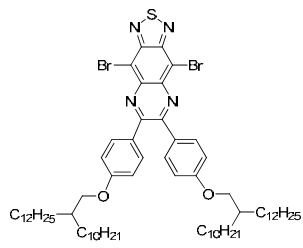
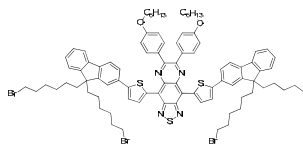
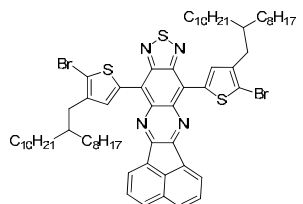
<p>4,7-Bis(6-bromo-4,4-dioctyl-4H-silolo[3,2-b:4,5-b']dithiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1567</p>	<p>4,7-Bis(5-bromothiophen-2-yl)-5,6-bis(dodecyloxy)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1199</p>
 <p>CAS# Formula C₅₄H₇₂Br₂F₂N₂S₅Si₂ FW 1163.46</p>	 <p>CAS# [1334686-71-3] Formula C₃₈H₅₄Br₂N₂O₂S₃ FW 826.85</p>
<p>4,7-Bis(6-bromo-4,4-bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1569</p>	<p>4,7-Bis(4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1249</p>
 <p>CAS# [1432791-00-8] Formula C₅₄H₇₂Br₂F₂N₂S₅Si₂ FW 1163.46</p>	 <p>CAS# [761416-46-0] Formula C₂₆H₃₂N₂S₃ FW 468.74</p>
<p>4,7-Bis(5-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1196</p>	<p>4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1244</p>
 <p>CAS# [1171974-28-9] Formula C₃₀H₄₀N₂S₃ FW 524.85</p>	 <p>CAS# [444579-39-9] Formula C₂₆H₃₀Br₂N₂S₃ FW 626.53</p>
<p>4,7-Bis(5-bromothiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1197</p>	<p>4,7-Bis(5-bromo-4-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1245</p>
 <p>CAS# [1304773-89-4] Formula C₁₄H₄Br₂F₂N₂S₃ FW 494.19</p>	 <p>CAS# [457931-23-6] Formula C₃₀H₃₈Br₂N₂S₃ FW 682.64</p>
<p>4,7-Bis(5-bromo-4-(2-tetracosyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1564</p>	<p>4,7-Bis(5-bromo-4-octylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1246</p>
 <p>CAS# / Formula C₆₂H₁₀₀Br₂F₂N₂S₃ FW 1167.47</p>	 <p>CAS# [1283598-36-6] Formula C₃₀H₃₈Br₂F₂N₂S₃ FW 718.62</p>
<p>4,7-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1565</p>	<p>5,6-Difluoro-4,7-bis(3-(2-octyldodecyl)-5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1598</p>
 <p>CAS# [1293389-31-7] Formula C₃₀H₃₈Br₂F₂N₂S₃ FW 718.62</p>	 <p>CAS# Formula C₈₀H₁₀₂F₂N₂S₅Sn₂ FW 1223.08</p>
<p>4,7-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1566</p>	<p>4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)benzo[c][1,2,5]thiadiazole</p> <p>CAT# IN1243</p>
 <p>CAS# [1504626-07-6] Formula C₅₄H₈₄Br₂F₂N₂S₃ FW 1055.26</p>	 <p>CAS# [1179993-72-6] Formula C₃₈H₅₄Br₂N₂S₃ FW 794.85</p>

4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)-5-fluorobenzo[c][1,2,5]thiadiazole CAT# IN1605	
	CAS# Formula $C_{38}H_{53}Br_2FN_2S_3$ FW 812.84
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1606	
	CAS# [1373834-88-8] Formula $C_{38}H_{52}Br_2F_2N_2S_3$ FW 830.83
4,7-Bis(4-dodecyl-5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1568	
	CAS# Formula $C_{44}H_{72}N_2S_3Sn_2$ FW 962.67
4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole CAT# IN1348	
	CAS# [934365-16-9] Formula $C_{18}H_{26}B_2N_2O_4S$ FW 388.10
4,5,6-Trifluorobenzo[c][1,2,5]thiadiazole CAT# IN1570	
	CAS# [1245924-75-7] Formula $C_8HF_3N_2S$ FW 190.15
7,7'-Dibromo-4,4'-bibenzo[c][1,2,5]thiadiazole-5,5'-diamine CAT# IN1349	
	CAS# Formula $C_{12}H_6Br_2N_6S_2$ FW 458.15
5,6-Dinitro-4,7-bis(6-undecylthieno[3,2-b]thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1948	
	CAS# Formula $C_{56}H_{82}N_4S_5$ FW 971.60

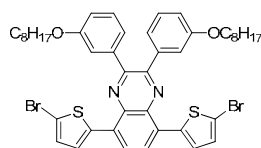
12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole CAT# IN1949	
	CAS# [2304444-52-6] Formula $C_{56}H_{82}N_4S_5$ FW 971.60
12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-dicarbaldehyde CAT# IN1950	
	CAS# [2304444-53-7] Formula $C_{58}H_{82}N_4O_2S_5$ FW 1027.62
12,13-Bis(2-octyldodecyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-dicarbaldehyde CAT# IN1953	
	CAS# Formula $C_{82}H_{130}N_4O_2S_5$ FW 1364.26
Monomer-Thiadiazolopyridine (TP) Series	
4,7-Dibromo-[1,2,5]thiadiazolo[3,4-c]pyridine CAT# IN1202	
	CAS# [333432-27-2] Formula $C_5HBr_2N_3S$ FW 294.95
4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine CAT# IN1672	
	CAS# [1883586-01-3] Formula $C_{17}H_{26}B_2N_3O_4S$ FW 389.09
4-Bromo-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine CAT# IN1561	
	CAS# Formula $C_{19}H_{18}BrN_3S_3$ FW 464.47

5-(7-Bromo-[1,2,5]thiadiazolo[3,4-c]pyridin-4-yl)thiophene-2-carbaldehyde	
CAT# IN1549	
	CAS# Formula FW
	C ₁₀ H ₄ BrN ₃ OS ₂ 326.19
Monomer-Benzobisthiadiazole (BBT) Series	
4,8-Dibromo-benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole	
CAT# IN1201	
	CAS# Formula FW
	[165617-59-4] C ₆ Br ₂ N ₄ S ₂ 352.03
4,8-Bis(5-bromo-3-(2-ethylhexyl)-2-thienyl)-2λ⁴δ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole	
CAT# IN1572	
	CAS# Formula FW
	/ C ₃₀ H ₃₆ Br ₂ N ₄ S ₄ 740.70
4,8-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole	
CAT# IN1573	
	CAS# Formula FW
	[1374601-35-0] C ₅₄ H ₈₄ Br ₂ N ₄ S ₄ 1077.34
4,8-Bis(5-(9-ethyl-9H-carbazolyl)-3-(2-ethylhexyl)-2-thienyl)-2λ⁴δ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole	
CAT# IN2074	
	CAS# Formula FW
	C ₅₈ H ₆₀ N ₆ S ₄ 969.40
4,8-Bis(5-(4,4-dioctyl-4H-silolo[3,2-b:4,5-b']dithiophene-yl)-3-(2-ethylhexyl)-2-thienyl)-2λ⁴δ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole	
CAT# IN2075	
	CAS# Formula FW
	C ₇₈ H ₁₁₀ N ₄ S ₈ Si ₂ 1416.43

Monomer-DPTQ Series

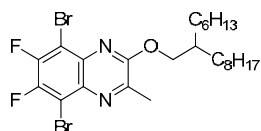
4,9-Dibromo-6,7-diphenyl-[1,2,5]thiadiazolo[3,4-g]quinoxaline	
CAT# IN1203	
	CAS# Formula FW
	[1262727-09-2] C ₂₀ H ₁₀ Br ₂ N ₄ S 498.19
4,9-Bis-(5-bromo-thiophen-2-yl)-6,7-bis-(4-hexyloxy-phenyl)-2-thia-1,3,5,8-tetraaza-cyclopenta[b]naphthalene	
CAT# IN1620	
	CAS# Formula FW
	[1547443-69-5] C ₄₀ H ₃₈ Br ₂ N ₄ O ₂ S ₃ 862.76
4,9-Dibromo-6,7-bis(4-((2-decyltetradecyl)oxy)phenyl)-[1,2,5]thiadiazolo[3,4-g]quinoxaline	
CAT# IN1621	
	CAS# Formula FW
	/ C ₆₈ H ₁₀₆ Br ₂ N ₄ O ₂ S 1203.47
4,9-Bis(5-(9,9-bis(6-bromohexyl)-9H-fluoren-2-yl)thiophen-2-yl)-6,7-bis(4-(hexyloxy)phenyl)-[1,2,5]thiadiazolo[3,4-g]quinoxaline	
CAT# IN1787	
	CAS# Formula FW
	/ C ₉₀ H ₁₀₀ Br ₂ N ₄ O ₂ S ₃ 1685.59
8,12-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)acenaphtho[1,2-b][1,2,5]thiadiazolo[3,4-g]quinoxaline	
CAT# IN1623	
	CAS# Formula FW
	/ C ₆₆ H ₉₀ Br ₂ N ₄ S ₃ 1195.45

5,8-Bis(5-bromothiophen-2-yl)-2,3-bis(3-(octyloxy)phenyl)quinoxaline
CAT# IN1625



CAS# [1100761-34-9]
Formula $C_{44}H_{48}Br_2N_4O_2S_2$
FW 860.80

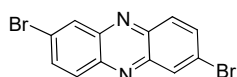
5,8-Dibromo-6,7-difluoro-2-((2-hexyldecyl)oxy)-3-methylquinoxaline
CAT# IN1803



CAS#
Formula $C_{25}H_{36}Br_2F_2N_2O$
FW 578.37

2,7-Dibromophenazine

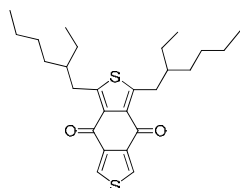
CAT# IN1632



CAS# [36848-40-5]
Formula $C_{12}H_6Br_2N_2$
FW 338.00

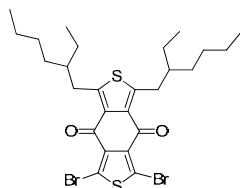
Monomer-Benzodithiophene-dione (BDD) Series

1,3-Bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1650



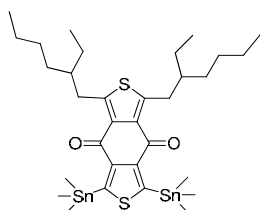
CAS# /
Formula $C_{26}H_{36}O_2S_2$
FW 444.69

1,3-Dibromo-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1651



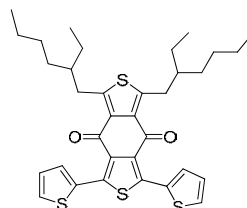
CAS# [1415929-76-8]
Formula $C_{26}H_{34}Br_2O_2S_2$
FW 602.48

1,3-Bis(2-ethylhexyl)-5,7-bis(trimethylstannyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1652



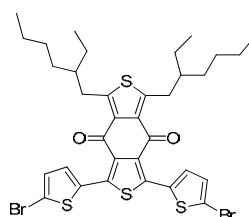
CAS# /
Formula $C_{32}H_{52}O_2S_2Sn_2$
FW 770.30

1,3-Bis(2-ethylhexyl)-5,7-di(thiophen-2-yl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1657



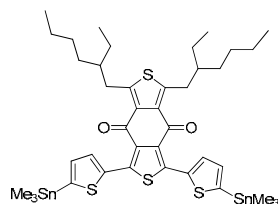
CAS#
Formula $C_{34}H_{40}O_2S_4$
FW 608.94

1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1653



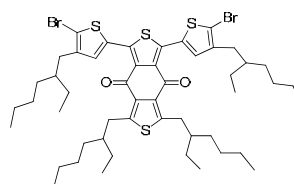
CAS# [1415929-78-0]
Formula $C_{34}H_{38}Br_2O_2S_4$
FW 766.73

1,3-Bis(2-ethylhexyl)-5,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1654



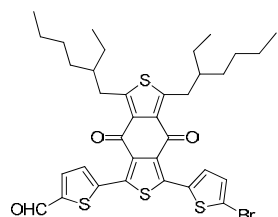
CAS# [2111948-40-2]
Formula $C_{40}H_{56}O_2S_4Sn_2$
FW 934.55

1,3-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
BDD CAT# IN1655

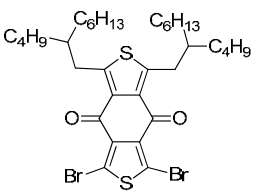
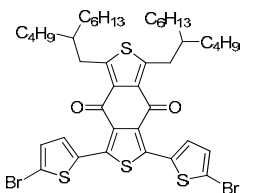
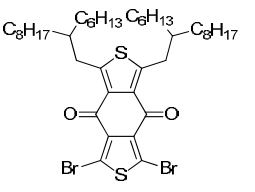
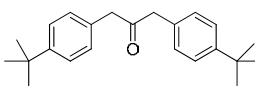
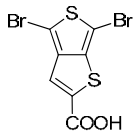
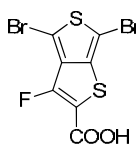


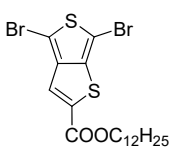
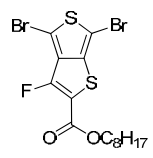
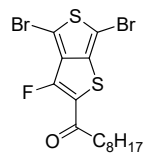
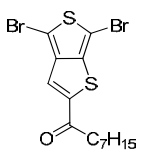
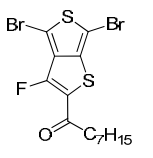
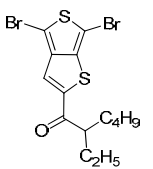
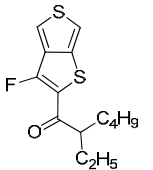
CAS# [1439937-07-1]
Formula $C_{50}H_{70}Br_2O_2S_4$
FW 991.16

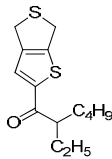
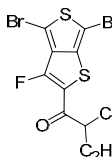
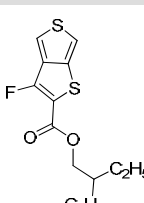
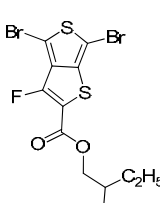
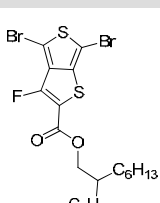
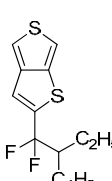
5-(3-(5-Bromothiophen-2-yl)-5,7-bis(2-ethylhexyl)-4,8-dioxo-4,8-dihydrobenzo[1,2-c:4,5-c']dithiophen-1-yl)thiophene-2-carbaldehyde
CAT# IN1656

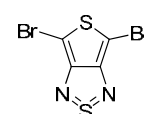
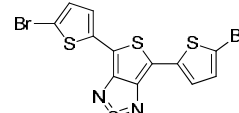
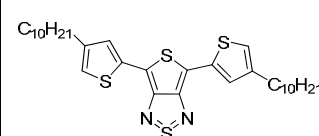
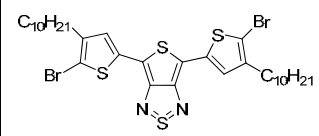
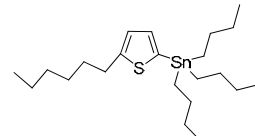
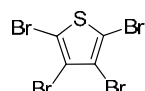
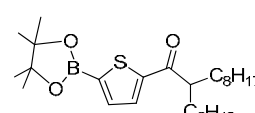


CAS# /
Formula $C_{35}H_{39}BrO_3S_4$
FW 715.85

1,3-Dibromo-5,7-bis(2-butyloctyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione	
CAT# IN1659	
	CAS# [2093197-88-5] Formula C ₃₄ H ₅₀ Br ₂ O ₂ S ₂ FW 714.70
1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-butyloctyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione	
CAT# IN1658	
	CAS# [2093197-87-4] Formula C ₄₂ H ₅₄ Br ₂ O ₂ S ₄ FW 878.94
1,3-Dibromo-5,7-bis-(2-hexyldecyl)-2,6-dithia-s-indacene-4,8-dione	
HD-BDT-DB CAT# IN1663	
	CAS# [2093197-87-4] Formula C ₄₂ H ₆₆ Br ₂ O ₂ S ₂ FW 826.91
1,3-Bis(4-(tert-butyl)phenyl)propan-2-one	
CAT# IN1634	
	CAS# [64321-35-3] Formula C ₂₃ H ₃₀ O FW 322.48
Monomer-Thiophene Series	
4,6-Dibromo-thieno[3,4-b]thiophene-2-carboxylic acid	
CAT# IN1014	
	CAS# [1024594-86-2] Formula C ₇ H ₂ Br ₂ O ₂ S ₂ FW 342.03
4,6-Dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylic acid	
CAT# IN1019	
	CAS# [1628427-36-0] Formula C ₇ HBr ₂ FO ₂ S ₂ FW 360.02

Dodecyl 4,6-dibromothieno[3,4-b]thiophene-2-carboxylate	
CAT# IN1007	
	CAS# [1 098102-93-2] Formula C ₁₉ H ₂₆ Br ₂ O ₂ S ₂ FW 510.3
Octyl 4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate	
CAT# IN1017	
	CAS# [1160823-76-6] Formula C ₁₅ H ₁₇ Br ₂ FO ₂ S ₂ FW 472.23
1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)nonan-1-one	
CAT# IN1052	
	CAS# [1 309764-86-0] Formula C ₁₅ H ₁₇ Br ₂ FOS ₂ FW 456.23
1-(4,6-Dibromothieno[3,4-b]thiophen-2-yl)octan-1-one	
CAT# IN1061	
	CAS# [1327334-59-7] Formula C ₁₄ H ₁₆ Br ₂ OS ₂ FW 424.21
1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)octan-1-one	
CAT# IN1062	
	CAS# [1202249-72-6] Formula C ₁₄ H ₁₅ Br ₂ FOS ₂ FW 442.20
1-(4,6-Dibromothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one	
CAT# IN1091	
	CAS# [1194605-76-9] Formula C ₁₄ H ₁₆ Br ₂ OS ₂ FW 424.21
2-Ethyl-1-(3-fluorothieno[3,4-b]thiophen-2-yl)hexan-1-one	
CAT# IN1690	
	CAS# [1628427-36-0] Formula C ₁₄ H ₁₇ FOS ₂ FW 284.41

1-(4,6-Dihydrothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one		CAT# IN1054	
	CAS# [1194605-72-5] Formula C ₁₄ H ₂₀ OS ₂ FW 268.44		
1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one		CAT# IN1090	
	CAS# [1352743-83-9] Formula C ₁₄ H ₁₅ Br ₂ FOS ₂ FW 442.20		
2-Ethylhexyl 3-fluorothieno[3,4-b]thiophene-2-carboxylate		CAT# IN1093	
	CAS# Formula C ₁₅ H ₁₉ FO ₂ S ₂ FW 314.44		
2-Ethylhexyl-4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate		CAT# IN1094	
	CAS# [1237479-38-7] Formula C ₁₅ H ₁₇ Br ₂ FO ₂ S ₂ FW 472.23		
2-Hexyldecyl 4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate		CAT# IN1194	
	CAS# [1446476-90-9] Formula C ₂₃ H ₃₃ Br ₂ FO ₂ S ₂ FW 584.44		
2-(2-Ethyl-1,1-difluorohexyl)thieno[3,4-b]thiophene		CAT# IN1063	
	CAS# Formula C ₁₄ H ₁₈ F ₂ S ₂ FW 288.42		

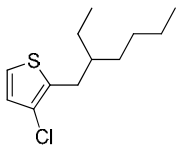
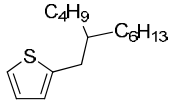
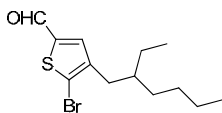
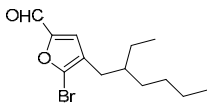
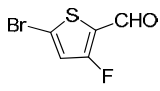
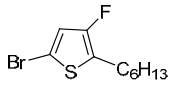
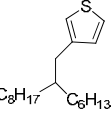
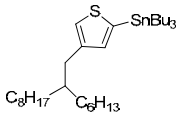
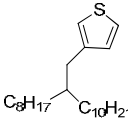
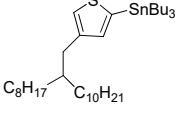
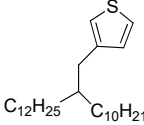
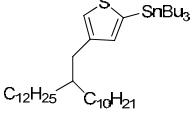
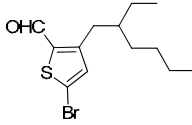
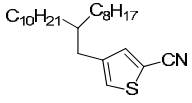
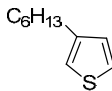
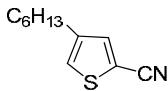
4,6-Dibromo-thieno[3,4-c][1,2,5]thiadiazole(s)		CAT# IN1535	
	CAS# [238756-91-7] Formula C ₄ Br ₂ N ₂ S ₂ FW 299.99		
4,6-Bis(5-bromo-2-thienyl)thieno[3,4-c][1,2,5]thiadiazole		CAT# IN1692	
	CAS# [1145743-00-5] Formula C ₁₂ H ₄ Br ₂ N ₂ S ₄ FW 464.24		
4,6-Bis(4-decylthiophen-2-yl)-thieno[3,4-c][1,2,5]thiadiazole(s)		CAT# IN1538	
	CAS# [914613-38-0] Formula C ₃₂ H ₄₆ N ₂ S ₄ FW 586.98		
4,6-Bis(5-bromo-4-decylthiophen-2-yl)-thieno[3,4-c][1,2,5]thiadiazole (s)		CAT# IN1539	
	CAS# Formula C ₃₂ H ₄₄ Br ₂ N ₂ S ₄ FW 744.77		
Tributyl(5-hexylthiophen-2-yl)stannane		CAT# IN1111	
	CAS# [388616-37-3] Formula C ₂₂ H ₄₂ SSn FW 457.34		
Tetrabromothiophene		CAT# IN1070	
	CAS# [3958-03-0] Formula C ₄ Br ₄ S FW 399.72		
2-Hexyl-1-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)decan-1-one		CAT# IN1358	
	CAS# Formula C ₂₆ H ₄₅ BO ₃ S FW 448.51		

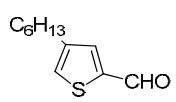
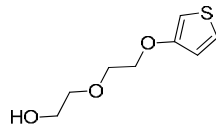
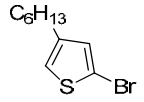
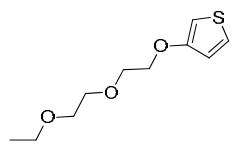
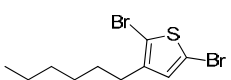
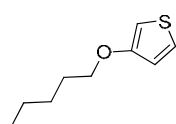
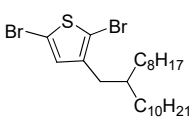
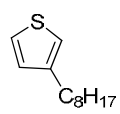
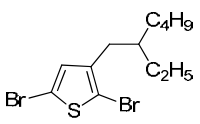
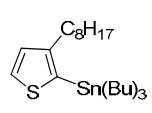
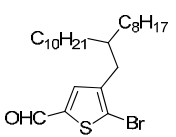
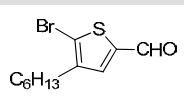
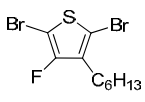
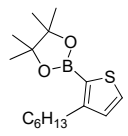
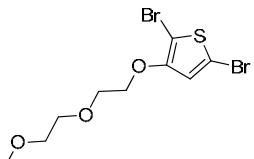
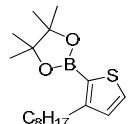
2,5-Dibromo-3,4-difluorothiophene		CAT# IN1782	
	CAS#	[347838-15-7]	
	Formula	C ₄ Br ₂ F ₂ S	
	FW	277.91	
(3,4-Difluorothiophene-2,5-diyl)bis(trimethylstannane)		CAT# IN1783	
	CAS#	[870718-97-1]	
	Formula	C ₁₀ H ₁₈ F ₂ SSn ₂	
	FW	445.73	
2,5-Bis(trimethylstannyl)thiophene		CAT# IN1477	
	CAS#	[86134-26-1]	
	Formula	C ₁₀ H ₂₀ SSn ₂	
	FW	409.75	
(3-Methoxythiophene-2,5-diyl)bis(trimethylstannane)		CAT# IN1667	
	CAS#	[128141-05-9]	
	Formula	C ₁₁ H ₂₂ OSSn ₂	
	FW	439.78	
Tributyl(thiophen-2-yl)stannane		CAT# IN1127	
	CAS#	[54663-78-4]	
	Formula	C ₁₈ H ₃₀ SSn	
	FW	373.18	
(5-Bromothiophen-2-yl)trimethylsilane		CAT# IN1512	
	CAS#	[18246-28-1]	
	Formula	C ₇ H ₁₁ BrSSi	
	FW	235.22	
2,5-Bis-trimethylstannanyl-selenophene		CAT# IN1627	
	CAS#	[220770-41-2]	
	Formula	C ₁₀ H ₂₀ SeSn ₂	
	FW	456.65	
Tributyl(selenophen-2-yl)stannane		CAT# IN1319	
	CAS#	[116886-71-6]	
	Formula	C ₁₈ H ₃₀ SeSn	
	FW	420.08	

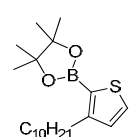
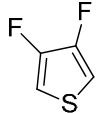
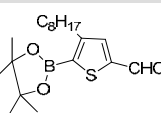
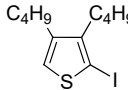
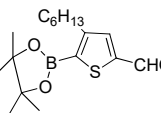
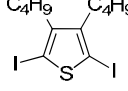
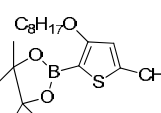
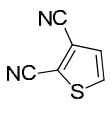
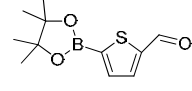
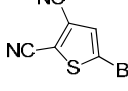
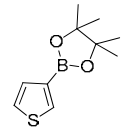
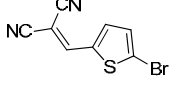
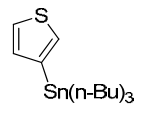
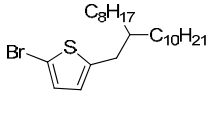

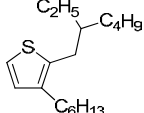
Tributyl(4-hexylthiophen-2-yl)stannane		CAT# IN1481	
	CAS#	[444579-42-4]	
	Formula	C ₂₂ H ₄₂ SSn	
	FW	457.34	
Tributyl(4-octylthiophen-2-yl)stannane		CAT# IN1581	
	CAS#	[504441-11-6]	
	Formula	C ₂₄ H ₄₆ SSn	
	FW	485.40	
Tributyl(4-(hexyloxy)thiophen-2-yl)stannane		CAT# IN1991	
	CAS#	[504441-11-6]	
	Formula	C ₂₄ H ₄₆ OSSn	
	FW	485.40	
Tributyl-[4-(2-ethyl-hexyl)-thiophen-2-yl]-stannane		CAT# IN1882	
	CAS#	[886746-54-9]	
	Formula	C ₂₄ H ₄₆ SSn	
	FW	485.40	
Triphenyl(2-thienylmethyl)phosphonium bromide		CAT# IN1045	
	CAS#	[23259-98-5]	
	Formula	C ₂₃ H ₂₀ BrPS	
	FW	439.35	
Ethyl 2-bromothiophene-3-carboxylate		CAT# IN1497	
	CAS#	[632325-50-9]	
	Formula	C ₇ H ₇ BrO ₂ S	
	FW	235.10	
2-Bromothiophene-3-carboxylic acid		CAT# IN2497	
	CAS#	[24287-95-4]	
	Formula	C ₅ H ₃ BrO ₂ S	
	FW	207.05	
Ethyl 2-bromo-5-formylthiophene-3-carboxylate		CAT# IN1697	
	CAS#	[2110781-56-9]	
	Formula	C ₈ H ₇ BrO ₃ S	
	FW	263.11	

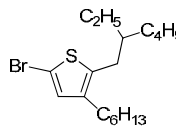
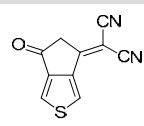
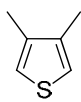
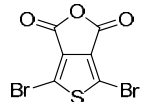
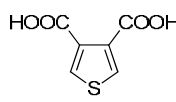
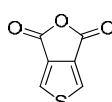
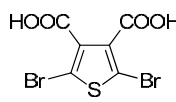
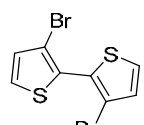
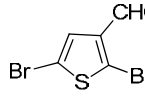
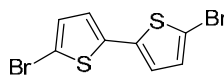
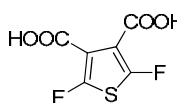
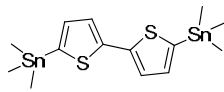
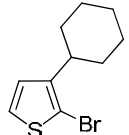
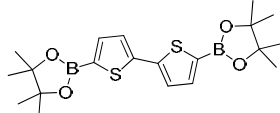
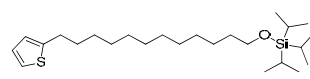
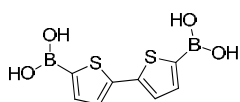
4-(Hexyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde		CAT# IN1696	
	CAS#		
	Formula	$C_{17}H_{27}BO_4S$	
	FW	338.27	
5-Bromo-4-((2-ethylhexyl)oxy)thiophene-2-carbaldehyde		CAT# IN1694	
	CAS#		
	Formula	$C_{13}H_{19}BrO_2S$	
	FW	319.26	
5-Bromo-4-(hexylthio)thiophene-2-carbaldehyde		CAT# IN1695	
	CAS#	/	
	Formula	$C_{11}H_{15}BrOS_2$	
	FW	307.27	
N-(2-octyldodecyl)thiophen-3-amine		CAT# IN1691	
	CAS#	[1373308-56-5]	
	Formula	$C_{24}H_{45}NS$	
	FW	307.27	
3-(2-Ethylhexyl)thiophene		CAT# IN1470	
	CAS#	[121134-38-1]	
	Formula	$C_{12}H_{20}S$	
	FW	196.35	
2-Bromo-3-(2-ethylhexyl)thiophene		CAT# IN1471	
	CAS#	[303734-52-3]	
	Formula	$C_{12}H_{18}BrS$	
	FW	275.25	
(3-(2-Ethylhexyl)thiophen-2-yl)trimethylstannane		CAT# IN1671	
	CAS#		
	Formula	$C_{15}H_{26}SSn$	
	FW	359.16	
(3-(2-Ethylhexyl)thiophene-2,5-diyl)bis(trimethylstannane)		CAT# IN1999	
	CAS#	[886746-70-9]	
	Formula	$C_{18}H_{36}SSn_2$	
	FW	521.96	

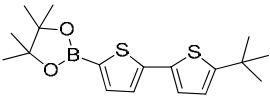
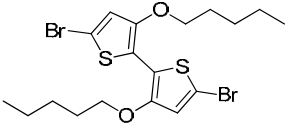
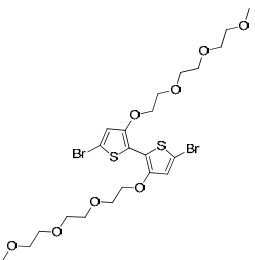
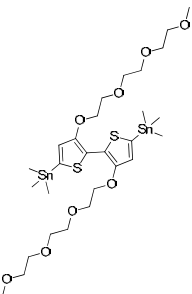
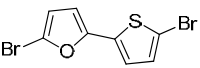
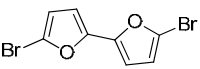
3-(2-Butyloctyl)thiophene		CAT# IN1496	
	CAS#	[1638802-04-6]	
	Formula	$C_{16}H_{28}S$	
	FW	252.46	
3-Undecylthiophene		CAT# IN1593	
	CAS#	[129607-86-9]	
	Formula	$C_{15}H_{26}S$	
	FW	238.43	
2-(2-Ethylhexyl)thiophene		CAT# IN1666	
	CAS#	[4891-44-5]	
	Formula	$C_{12}H_{20}S$	
	FW	196.35	
2-(2-Ethylhexyl)-3-fluorothiophene		CAT# IN1661	
	CAS#	[2189704-71-8]	
	Formula	$C_{12}H_{19}FS$	
	FW	214.34	
5-(2-Ethylhexyl)thiophene-2-carbaldehyde		CAT# IN1722	
	CAS#	[1448178-54-8]	
	Formula	$C_{13}H_{20}OS$	
	FW	224.36	
5-((2-Ethylhexyl)thio)thiophene-2-carbaldehyde		CAT# IN1982	
	CAS#		
	Formula	$C_{13}H_{20}OS_2$	
	FW	256.43	
5-((2-Butyloctyl)thio)thiophene-2-carbaldehyde		CAT# IN1981	
	CAS#	[2316816-64-3]	
	Formula	$C_{17}H_{28}OS_2$	
	FW	312.53	

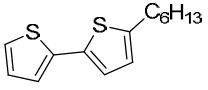
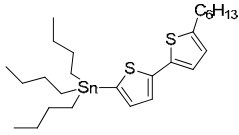
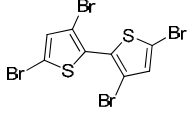
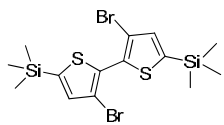

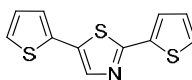
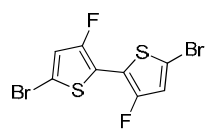
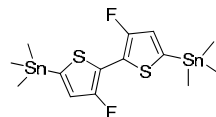
2-(2-Ethylhexyl)thiophene <p style="text-align: right;">CAT# IN1664</p>	
 <p>CAS# [4891-44-5] Formula C₁₂H₂₀S FW 196.35</p>	
2-(2-Butyloctyl)thiophene <p style="text-align: right;">CAT# IN1506</p>	
 <p>CAS# [1271438-65-3] Formula C₁₆H₂₆S FW 252.46</p>	
5-Bromo-4-(2-ethylhexyl)thiophene-2-carbaldehyde <p style="text-align: right;">CAT# IN1971</p>	
 <p>CAS# [1356861-54-5] Formula C₁₃H₁₉BrOS FW 303.26</p>	
5-Bromo-4-(2-ethylhexyl)furan-2-carbaldehyde <p style="text-align: right;">CAT# IN1972</p>	
 <p>CAS# [1356861-54-5] Formula C₁₃H₁₉BrO₂ FW 287.19</p>	
5-Bromo-3-fluorothiophene-2-carbaldehyde <p style="text-align: right;">CAT# IN1974</p>	
 <p>CAS# [1822621-71-5] Formula C₅H₂BrFOS FW 209.04</p>	
5-Bromo-3-fluoro-2-hexylthiophene <p style="text-align: right;">CAT# IN1990</p>	
 <p>CAS# [2209090-37-7] Formula C₁₀H₁₄BrFS FW 265.19</p>	
3-(2-Hexyldecyl)thiophene <p style="text-align: right;">CAT# IN1490</p>	
 <p>CAS# [1345699-92-4] Formula C₂₀H₃₆S FW 308.56</p>	
Tributyl(4-(2-hexyldecyl)thiophen-2-yl)stannane <p style="text-align: right;">CAT# IN1491</p>	
 <p>CAS# [1345699-92-4] Formula C₃₂H₆₂SSn FW 597.61</p>	
3-(2-Octyldodecyl)thiophene <p style="text-align: right;">CAT# IN1492</p>	
 <p>CAS# [1268060-76-9] Formula C₂₄H₄₄S FW 364.67</p>	
Tributyl(4-(2-octyldodecyl)thiophen-2-yl)stannane <p style="text-align: right;">CAT# IN1493</p>	
 <p>CAS# [1268060-76-9] Formula C₃₆H₇₀SSn FW 653.72</p>	
3-(2-Decyltetradecyl)thiophene <p style="text-align: right;">CAT# IN1494</p>	
 <p>CAS# [1446414-48-7] Formula C₂₈H₅₂S FW 420.78</p>	
Tributyl(4-(2-decyltetradecyl)thiophen-2-yl)stannane <p style="text-align: right;">CAT# IN1495</p>	
 <p>CAS# [1446414-48-7] Formula C₄₀H₇₈SSn FW 709.82</p>	
5-Bromo-3-(2-ethylhexyl)thiophene-2-carbaldehyde <p style="text-align: right;">CAT# IN1970</p>	
 <p>CAS# [1356861-54-5] Formula C₁₃H₁₉BrOS FW 303.26</p>	
4-(2-Octyldodecyl)thiophene-2-carbonitrile <p style="text-align: right;">CAT# IN1312</p>	
 <p>CAS# [1268060-76-9] Formula C₂₅H₄₃NS FW 389.68</p>	
3-Hexylthiophene <p style="text-align: right;">CAT# IN1980</p>	
 <p>CAS# [1693-86-3] Formula C₁₀H₁₆S FW 168.30</p>	
4-Hexylthiophene-2-carbonitrile <p style="text-align: right;">CAT# IN1112</p>	
 <p>CAS# [1224430-39-0] Formula C₁₁H₁₅NS FW 193.31</p>	

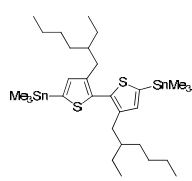
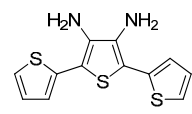
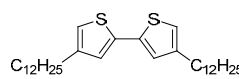
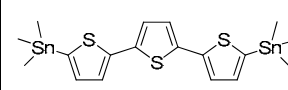
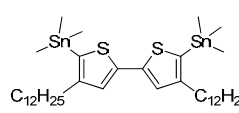
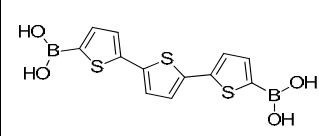
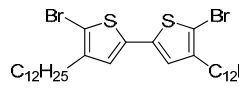
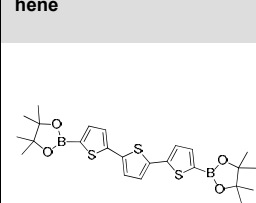
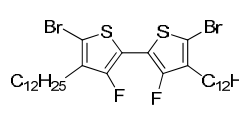
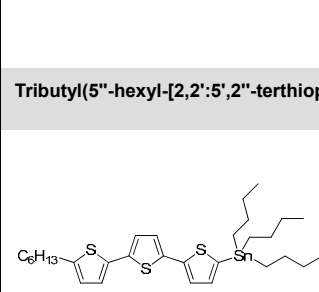
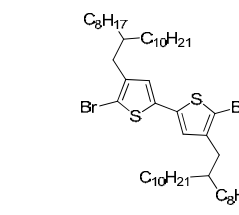
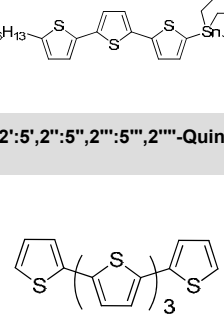
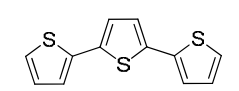
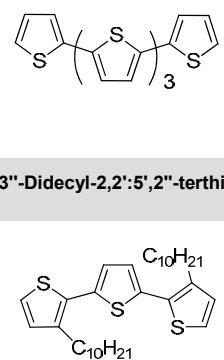
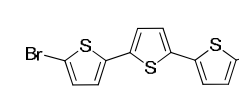
<p>4-Hexylthiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1113</p>  <p>CAS# [222554-30-5] Formula C₁₁H₁₆OS FW 196.31</p>	<p>2-(2-(Thiophen-3-yloxy)ethoxy)ethanol</p> <p style="text-align: right;">CAT# IN1144</p>  <p>CAS# [1186415-90-6] Formula C₈H₁₂O₃S FW 188.24</p>
<p>2-Bromo-4-hexylthiophene</p> <p style="text-align: right;">CAT# IN1114</p>  <p>CAS# [210705-84-3] Formula C₁₀H₁₅BrS FW 247.20</p>	<p>3-(2-(2-Ethoxyethoxy)ethoxy)thiophene</p> <p style="text-align: right;">CAT# IN1147</p>  <p>CAS# [138625-91-9] Formula C₁₀H₁₈O₃S FW 216.30</p>
<p>2,5-Dibromo-3-hexylthiophene</p> <p style="text-align: right;">CAT# IN1154</p>  <p>CAS# [116971-11-0] Formula C₁₀H₁₄Br₂S FW 326.09</p>	<p>Thiophene, 3-(pentyloxy)-</p> <p style="text-align: right;">CAT# IN1637</p>  <p>CAS# [148855-96-3] Formula C₉H₁₄OS FW 170.27</p>
<p>2,5-Bibromo-3-(2-octyldecyl)thiophene</p> <p style="text-align: right;">CAT# IN1754</p>  <p>CAS# [444177-63-3] Formula C₂₄H₄₂Br₂S FW 522.46</p>	<p>3-Octylthiophene</p> <p style="text-align: right;">CAT# IN1472</p>  <p>CAS# [65016-62-8] Formula C₁₂H₂₀S FW 196.35</p>
<p>2,5-Dibromo-3-(2-ethylhexyl)thiophene</p> <p style="text-align: right;">CAT# IN1755</p>  <p>CAS# [444177-63-3] Formula C₁₂H₁₈Br₂S FW 354.14</p>	<p>Tributyl(3-octylthiophen-2-yl)stannane</p> <p style="text-align: right;">CAT# IN1673</p>  <p>CAS# [208053-18-3] Formula C₂₄H₄₆SSn FW 485.40</p>
<p>5-Bromo-4-(2-octyldecyl)thiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1756</p>  <p>CAS# [444177-63-3] Formula C₂₅H₄₃BrOS FW 471.58</p>	<p>5-Bromo-4-hexylthiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1976</p>  <p>CAS# [291535-21-2] Formula C₁₁H₁₅BrOS FW 275.21</p>
<p>2,5-Dibromo-3-fluoro-4-hexylthiophene</p> <p style="text-align: right;">CAT# IN1977</p>  <p>CAS# [488127-61-3] Formula C₁₀H₁₃Br₂FS FW 344.08</p>	<p>2-(3-Hexylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane</p> <p style="text-align: right;">CAT# IN1973</p>  <p>CAS# [850881-09-3] Formula C₁₆H₂₇BO₂S FW 294.26</p>
<p>2,5-Dibromo-3-(2-(2-methoxyethoxy)ethoxy)thiophene</p> <p style="text-align: right;">CAT# IN1155</p>  <p>CAS# [530116-60-0] Formula C₉H₁₂Br₂O₃S FW 360.06</p>	<p>4,4,5,5-Tetramethyl-2-(3-octylthiophen-2-yl)-1,3,2-dioxaborolane</p> <p style="text-align: right;">CAT# IN1975</p>  <p>CAS# [405165-14-2] Formula C₁₈H₃₁BO₂S FW 322.31</p>

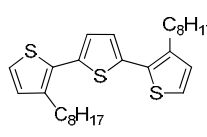
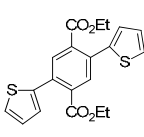
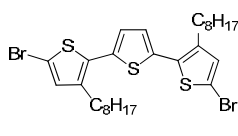
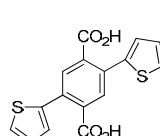
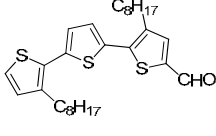
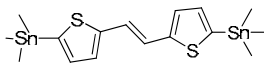
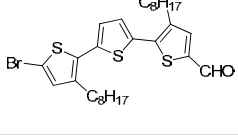
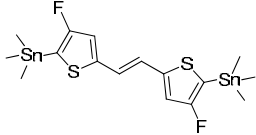
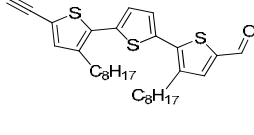
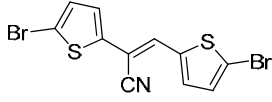
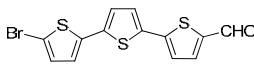
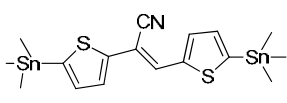
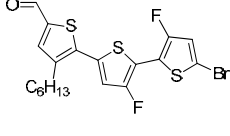
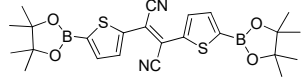
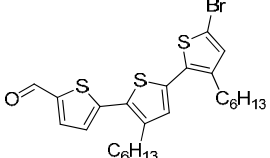
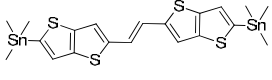
<p>2-(3-Decylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane</p> <p style="text-align: right;">CAT# IN1979</p>  <p>CAS# [1403967-25-8] Formula C₂₀H₃₅BO₂S FW 350.37</p>	<p>3,4-Difluorothiophene</p> <p style="text-align: right;">CAT# IN1556</p>  <p>CAS# [19259-15-5] Formula C₄H₂F₂S FW 120.12</p>
<p>4-Octyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1978</p>  <p>CAS# [1402132-40-4] Formula C₁₉H₃₁BO₃S FW 350.32</p>	<p>3,4-Dibutyl-2-iodothiophene</p> <p style="text-align: right;">CAT# IN1474</p>  <p>CAS# [565186-12-1] Formula C₁₂H₁₉I S FW 322.25</p>
<p>4-Hexyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1986</p>  <p>CAS# [1402132-40-4] Formula C₁₇H₂₇BO₃S FW 322.27</p>	<p>3,4-Dibutyl-2,5-diiodothiophene</p> <p style="text-align: right;">CAT# IN1475</p>  <p>CAS# [133750-15-9] Formula C₁₂H₁₈I₂S FW 448.15</p>
<p>4-(Octyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1989</p>  <p>CAS# [1402132-40-4] Formula C₁₉H₃₁BO₄S FW 366.32</p>	<p>Thiophene-2,3-dicarbonitrile</p> <p style="text-align: right;">CAT# IN1478</p>  <p>CAS# [18853-42-4] Formula C₆H₂N₂S FW 134.16</p>
<p>5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1988</p>  <p>CAS# [1 040281-83-1] Formula C₁₁H₁₅BO₃S FW 238.11</p>	<p>5-Bromothiophene-2,3-dicarbonitrile</p> <p style="text-align: right;">CAT# IN1479</p>  <p>CAS# [18853-42-4] Formula C₆HBrN₂S FW 213.05</p>
<p>4,4,5,5-Tetramethyl-2-(thiophen-3-yl)-1,3,2-dioxaborolane</p> <p style="text-align: right;">CAT# IN1993</p>  <p>CAS# [214360-70-0] Formula C₁₀H₁₃BO₂S FW 210.10</p>	<p>2-((5-Bromothiophen-2-yl)methylene)malononitrile</p> <p style="text-align: right;">CAT# IN1480</p>  <p>CAS# [81020-78-2] Formula C₈H₃BrN₂S FW 239.09</p>
<p>Tributyl(thiophen-3-yl)stannane</p> <p style="text-align: right;">CAT# IN1994</p>  <p>CAS# [119405-65-1] Formula C₁₆H₃₀SSn FW 373.18</p>	<p>2-Bromo-5-(2-octyldodecyl)thiophene</p> <p style="text-align: right;">CAT# IN1482</p>  <p>CAS# [1004524-17-7] Formula C₂₄H₄₃BrS FW 443.57</p>
<p>3,4-Dibromothiophene</p> <p style="text-align: right;">CAT# IN1473</p>  <p>CAS# [3141-26-2] Formula C₄H₂Br₂S FW 241.93</p>	<p>2-(2-Ethylhexyl)-3-hexylthiophene</p> <p style="text-align: right;">CAT# IN1448</p>  <p>CAS# [1627680-06-1] Formula C₁₈H₃₂S FW 280.51</p>

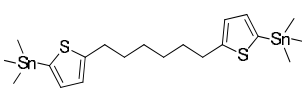
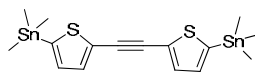
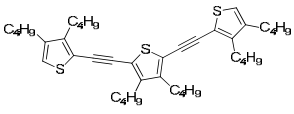
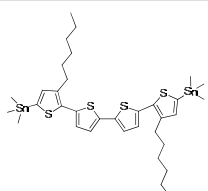
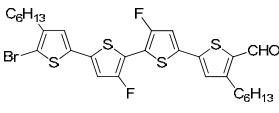

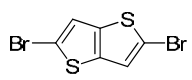
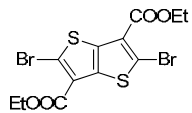
5-Bromo-2-(2-ethylhexyl)-3-hexylthiophene CAT# IN1488	2-(6-Oxo-5,6-dihydro-4H-cyclopenta[c]thiophen-4-ylidene)malononitrile CAT# IN1413	
 <p>CAS# Formula C₁₈H₃₁BrS FW 359.41</p>	 <p>CAS# [2099010-83-8] Formula C₁₀H₄N₂OS FW 200.22</p>	
3,4-Dimethylthiophene CAT# IN1489	4,6-Dibromothieno[3,4-c]furan-1,3-dione CAT# IN1122	
 <p>CAS# [632-15-5] Formula C₆H₈S FW 112.19</p>	 <p>CAS# [1015423-45-6] Formula C₆Br₂O₃S FW 311.94</p>	
Thiophene-3,4-dicarboxylic acid CAT# IN1121	Thieno[3,4-c]furan-1,3-dione CAT# IN1592	
 <p>CAS# [4282-29-5] Formula C₆H₄O₄S FW 172.16</p>	 <p>CAS# [6007-85-8] Formula C₆H₂O₃S FW 154.14</p>	
2,5-Dibromothiophene-3,4-dicarboxylic acid CAT# IN1411	Monomer-Bithiophene Series	
 <p>CAS# [190723-12-7] Formula C₆H₂Br₂O₄S FW 329.95</p>	3,3'-Dibromo-2,2'-bithiophene CAT# IN1025	
2,5-Dibromothiophene-3-carbaldehyde CAT# IN1708	 <p>CAS# [51751-44-1] Formula C₈H₄Br₂S₂ FW 324.05</p>	
 <p>CAS# [1193-69-7] Formula C₆H₂OSBr₂ FW 269.94</p>	5,5'-Dibromo-2,2'-bithiophene CAT# IN1547	
2,5-Difluorothiophene-3,4-dicarboxylic acid CAT# IN1711	 <p>CAS# [4805-22-5] Formula C₈H₄Br₂S₂ FW 324.06</p>	
 <p>CAS# / Formula C₆H₂F₂O₄S FW 208.14</p>	5,5'-Bis(trimethylstannyl)-2,2'-bithiophene CAT# IN1207	
2-Bromo-3-cyclohexylthiophene CAT# IN1713	 <p>CAS# [143367-56-0] Formula C₁₄H₂₂S₂Sn₂ FW 491.87</p>	
 <p>CAS# [241477-71-4] Formula C₁₀H₁₃BrS FW 245.18</p>	5,5'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2'-bithiophene CAT# IN1296	
Triisopropyl((12-(thiophen-2-yl)dodecyl)oxy)silane CAT# IN1927	 <p>CAS# [239075-02-6] Formula C₂₀H₂₈B₂O₄S₂ FW 418.19</p>	
 <p>CAS# Formula C₂₅H₄₈OSSi FW 424.80</p>	[2,2'-bithiophene]-5,5'-diylidiboronic acid CAT# IN2096	
	 <p>CAS# [189358-30-3] Formula C₈H₈B₂O₄S₂ FW 253.90</p>	

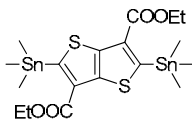
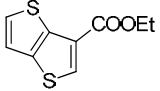
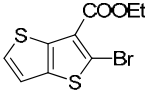
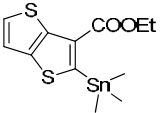
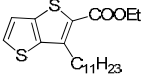
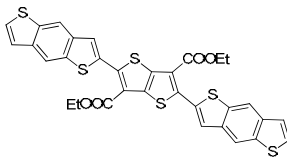
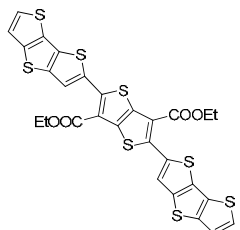
2-(5'-(Tert-butyl)-[2,2'-bithiophen]-5-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1636	
	CAS# Formula FW	 C ₁₈ H ₂₈ BO ₂ S ₂ 348.33	
5,5'-Dibromo-3,3'-bis(pentyloxy)-2,2'-bithiophene		CAT# IN1941	
	CAS# Formula FW	[1404166-45-5] C ₁₈ H ₂₄ Br ₂ O ₂ S ₂ 496.32	
5,5'-Dibromo-3,3'-bis(2-(2-(2-methoxyethoxy)ethoxy)ethoxy)-2,2'-bithiophene		CAT# IN1273	
	CAS# Formula FW	[1974310-58-1] C ₂₂ H ₃₂ Br ₂ O ₆ S ₂ 648.42	
(3,3'-Bis(2-(2-(2-methoxyethoxy)ethoxy)ethoxy)-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)		CAT# IN1894	
	CAS# Formula FW	 C ₂₈ H ₅₀ O ₈ S ₂ Sn ₂ 816.24	
2-Bromo-5-(5-bromothiophen-2-yl)furan		CAT# IN1531	
	CAS# Formula FW	 C ₈ H ₄ Br ₂ OS 307.99	
5,5'-Dibromo-2,2'-bifuran		CAT# IN1533	
	CAS# Formula FW	 C ₈ H ₄ Br ₂ O ₂ 291.92	

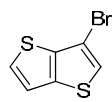
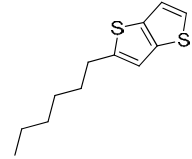
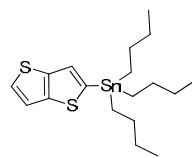
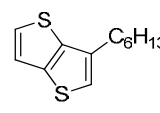
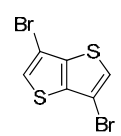
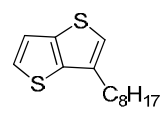

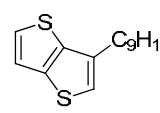
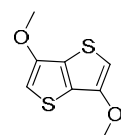
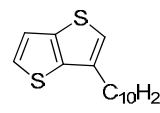
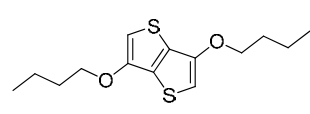
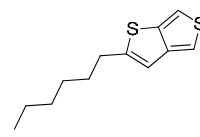
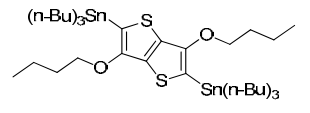
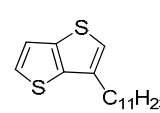
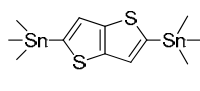
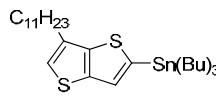
5-Hexyl-2,2'-bithiophene		CAT# IN1716	
	CAS# Formula FW	[173448-31-2] C ₁₄ H ₁₈ S ₂ 250.42	
Tributyl(5'-hexyl-[2,2'-bithiophen]-5-yl)stannane		CAT# IN1297	
	CAS# Formula FW	[211737-37-0] C ₂₈ H ₄₄ S ₂ Sn 539.47	
3,3',5,5'-Tetrabromo-2,2'-bithiophene		CAT# IN1024	
	CAS# Formula FW	[125143-53-5] C ₈ H ₂ Br ₄ S ₂ 481.85	
3,3'-Dibromo-5,5'-bis(trimethylsilyl)-2,2'-bithiophene		CAT# IN1013	
	CAS# Formula FW	[207742-50-5] C ₁₄ H ₂₀ Br ₂ S ₂ Si ₂ 468.42	
(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylsilane)		CAT# IN1153	
	CAS# Formula FW	[1619967-07-5] C ₁₄ H ₂₀ F ₂ S ₂ Si ₂ 346.61	
2,5-Di(thiophen-2-yl)thiazole		CAT# IN1304	
	CAS# Formula FW	[54987-01-8] C ₁₁ H ₇ NS ₃ 249.37	
5,5'-Dibromo-3,3'-difluoro-2,2'-bithiophene		CAT# IN1163	
	CAS# Formula FW	[1619967-08-6] C ₈ H ₂ Br ₂ F ₂ S ₂ 360.04	
(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)		CAT# IN1064	
	CAS# Formula FW	[1619967-09-7] C ₁₄ H ₂₀ F ₂ S ₂ Sn ₂ 527.86	

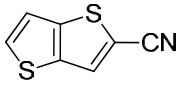
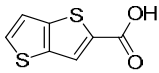
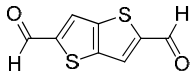
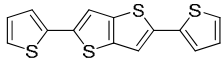
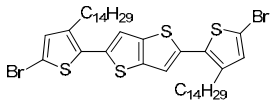
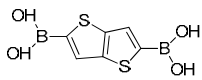
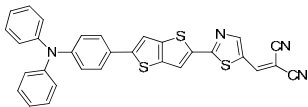
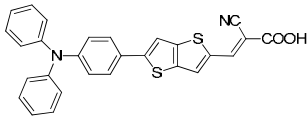
(3,3'-Bis(2-ethylhexyl)-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1513	2,5-Bis(2-thienyl)-3,4-diaminothiophene CAT# IN1205
 <p>CAS# Formula $C_{30}H_{54}S_2Sn_2$ FW 716.30</p>	 <p>CAS# [185691-91-2] Formula $C_{12}H_{10}N_2S_3$ FW 278.42</p>
4,4'-Didodecyl-2,2'-bithiophene CAT# IN1515	2,5-Bis[(5-trimethylstannyl)-2-thienyl]thiophene CAT# IN1206
 <p>CAS# Formula $C_{32}H_{54}S_2$ FW 502.90</p>	 <p>CAS# [178931-63-0] Formula $C_{18}H_{24}S_3Sn_2$ FW 574.00</p>
(4,4'-Didodecyl-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1516	[2,2':5',2''-Terthiophene]-5,5''-diylboronic acid CAT# IN2085
 <p>CAS# [1007347-63-8] Formula $C_{38}H_{70}S_2Sn_2$ FW 828.51</p>	 <p>CAS# Formula $C_{12}H_{10}B_2O_4S_3$ FW 336.02</p>
5,5'-Dibromo-4,4'-didodecyl-2,2'-bithiophene CAT# IN1517	5,5''-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2':5',2''-terthiophene CAT# IN2086
 <p>CAS# [753470-95-0] Formula $C_{32}H_{52}Br_2S_2$ FW 660.69</p>	 <p>CAS# Formula $C_{24}H_{30}B_2O_4S_3$ FW 500.31</p>
5,5'-Dibromo-4,4'-didodecyl-3,3'-difluoro-2,2'-bithiophene CAT# IN1518	Tributyl(5''-hexyl-[2,2':5',2''-terthiophen]-5-yl)stannane CAT# IN1501
 <p>CAS# / Formula $C_{32}H_{50}Br_2F_2S_2$ FW 696.67</p>	 <p>CAS# [211737-41-6] Formula $C_{30}H_{46}S_3Sn$ FW 621.59</p>
5,5'-Dibromo-4,4'-bis(2-octyldodecyl)-2,2'-bithiophene CAT# IN1519	2,2':5',2''-5''',2''''-5''''-2'''''-Quinquethiophene CAT# IN1200
 <p>CAS# / Formula $C_{48}H_{84}Br_2S_2$ FW 885.12</p>	 <p>CAS# [5660-45-7] Formula $C_{20}H_{12}S_5$ FW 412.63</p>
2,5-Di(2-thienyl)thiophene CAT# IN1204	3,3''-Didecyl-2,2':5',2''-terthiophene CAT# IN1498
 <p>CAS# [1081-34-1] Formula $C_{12}H_6S_3$ FW 248.38</p>	 <p>CAS# Formula $C_{32}H_{46}S_3$ FW 528.92</p>
5,5''-Dibromo-2,2':5',2''-terthiophene CAT# IN1294	
 <p>CAS# [98057-08-0] Formula $C_{12}H_6Br_2S_3$ FW 406.18</p>	

3,3''-Dioctyl-2,2':5',2''-terthiophene CAT# IN1499	Diethyl 2,5-di(thiophen-2-yl)terephthalate CAT# IN1317
 <p>CAS# [155166-89-5] Formula C₂₈H₄₀S₃ FW 472.81</p>	 <p>CAS# [915224-39-4] Formula C₂₀H₁₈O₄S₂ FW 386.48</p>
5,5''-Dibromo-3,3''-dioctyl-2,2':5',2''-terthiophene CAT# IN1500	2,5- Di(thiophen-2-yl)terephthalic acid CAT# IN1310
 <p>CAS# [185350-30-5] Formula C₂₈H₃₈Br₂S₃ FW 630.60</p>	 <p>CAS# Formula C₁₆H₁₀O₄S₂ FW 330.38</p>
3,3''-Dioctyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1504	(E)-1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethene CAT# IN1450
 <p>CAS# Formula C₂₉H₄₀OS₃ FW 500.82</p>	 <p>CAS# [477789-30-3] Formula C₁₆H₂₂S₂Sn₂ FW 517.91</p>
5''-Bromo-3,3''-dioctyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1505	(E)-1,2-bis(4-fluoro-5-(trimethylstannyl)thiophen-2-yl)ethene CAT# IN1445
 <p>CAS# [1342311-48-1] Formula C₂₉H₃₈BrOS₃ FW 579.72</p>	 <p>CAS# [2 205860-41-7] Formula C₁₆H₂₂F₂S₂Sn₂ FW 553.89</p>
5''-Ethynyl-3,3''-dioctyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1855	(E)-2,3-bis(5-bromothiophen-2-yl)acrylonitrile CAT# IN1579
 <p>CAS# Formula C₃₁H₄₀OS₃ FW 524.84</p>	 <p>CAS# [439588-79-1] Formula C₁₁H₅Br₂NS₂ FW 375.10</p>
5''-Bromo-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1520	(E)-2,3-bis(5-(trimethylstannyl)thiophen-2-yl)acrylonitrile CAT# IN1457
 <p>CAS# Formula C₁₃H₇BrOS₃ FW 355.29</p>	 <p>CAS# [1610057-05-0] Formula C₁₇H₂₃NS₂Sn₂ FW 542.92</p>
5''-Bromo-3',4'-difluoro-3-hexyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1789	2,3-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)fu maronitrile CAT# IN1459
 <p>CAS# Formula C₁₉H₁₇BrF₂OS₃ FW 475.43</p>	 <p>CAS# Formula C₂₄H₂₈B₂N₂O₄S₂ FW 494.24</p>
5''-Bromo-3',3''-dihexyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1889	(E)-1,2-bis(5-(trimethylstannyl)thieno[3,2-b]thiophen-2-yl)ethene CAT# IN1455
 <p>CAS# [1628940-31-7] Formula C₂₅H₃₁BrOS₃ FW 523.61</p>	 <p>CAS# Formula C₂₀H₂₄S₄Sn₂ FW 630.08</p>

1,6-Bis(5-(trimethylstannyl)thiophen-2-yl)hexane	CAT# IN1860
	CAS# Formula FW
	$C_{20}H_{34}S_2Sn_2$ 576.03
1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethyne	CAT# IN1861
	CAS# Formula FW
	[1610057-24-3] $C_{16}H_{22}S_2Sn_2$ 515.90
2,2'-(3,4-Dibutylthiophene-2,5-diyl)bis(ethyne-2,1-diyl)bis(3,4-dibutylthiophene)	CAT# IN1476
	CAS# Formula FW
	$C_{40}H_{56}S_3$ 633.07
(3,3''-Dihexyl-[2,2':5',2'':5''',2''''-quaterthiophene]-5,5''''-diyl)bis(trimethylstannane)	CAT# IN1514
	CAS# Formula FW
	$C_{34}H_{50}S_4Sn_2$ 824.44
5''''-Bromo-3'',4''-difluoro-4,4''''-dihexyl-[2,2':5',2'':5''',2''''-quaterthiophene]-5-carbaldehyde	CAT# IN1724
	CAS# Formula FW
	$C_{29}H_{31}BrF_2OS_4$ 641.72
Monomer-Thienothiophene (TT) Series	
Thieno[3,2-b]thiophene	CAT# IN1102
	CAS# Formula FW
	[251-41-2] $C_6H_4S_2$ 140.23
2,5-Dibromothieno[3,2-b]thiophene	CAT# IN1103
	CAS# Formula FW
	[25121-87-3] $C_6H_2Br_2S_2$ 298.02
Diethyl 2,5-dibromothieno[3,2-b]thiophene-3,6-dicarboxylate	CAT# IN1821
	CAS# Formula FW
	[1800376-55-9] $C_{12}H_{10}Br_2O_4S_2$ 442.14

Diethyl 2,5-bis(trimethylstannyl)thieno[3,2-b]thiophene-3,6-dicarboxylate	CAT# IN1843
	CAS# Formula FW
	$C_{18}H_{20}O_4S_2Sn_2$ 609.96
Ethyl thieno[3,2-b]thiophene-3-carboxylate	CAT# IN1837
	CAS# Formula FW
	$C_9H_8O_2S_2$ 212.29
Ethyl 2-bromothieno[3,2-b]thiophene-3-carboxylate	CAT# IN1828
	CAS# Formula FW
	[2055722-78-4] $C_9H_7BrO_2S_2$ 291.18
Ethyl 2-(trimethylstannyl)thieno[3,2-b]thiophene-3-carboxylate	CAT# IN1844
	CAS# Formula FW
	$C_{12}H_{16}O_2S_2Sn$ 375.09
Ethyl 3-undecylthieno[3,2-b]thiophene-2-carboxylate	CAT# IN1838
	CAS# Formula FW
	[950223-95-7] $C_{20}H_{30}O_2S_2$ 366.58
Diethyl 2,5-bis(benzo[1,2-b:4,5-b']dithiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate	CAT# IN1822
	CAS# Formula FW
	/ $C_{32}H_{20}O_4S_6$ 660.89
Diethyl 2,5-bis(dithieno[3,2-b:2',3'-d]thiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate	CAT# IN1817
	CAS# Formula FW
	/ $C_{28}H_{16}O_4S_8$ 672.94

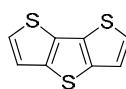
3-Bromothiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1720</p>	2-Hexylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1302</p>
 <p>CAS# [25121-83-9] Formula C₆H₃BrS₂ FW 219.12</p>	 <p>CAS# [944826-48-6] Formula C₁₂H₁₆S₂ FW 224.39</p>
Tributyl(thiopheno[3,2-b]thiophen-2-yl)stannane <p style="text-align: right;">CAT# IN1502</p>	3-Hexylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1717</p>
 <p>CAS# [160032-41-7] Formula C₁₈H₃₀S₂Sn FW 429.27</p>	 <p>CAS# [160032-41-7] Formula C₁₂H₁₆S₂ FW 224.39</p>
3,6-Dibromothiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1100</p>	3-Octylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1719</p>
 <p>CAS# [392662-65-6] Formula C₆H₂Br₂S₂ FW 298.02</p>	 <p>CAS# [1064015-56-0] Formula C₁₄H₂₀S₂ FW 252.44</p>
3,6-Difluorothiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1700</p>	3-Nonylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1723</p>
 <p>CAS# / Formula C₆H₂F₂S₂ FW 176.21</p>	 <p>CAS# [763114-94-9] Formula C₁₅H₂₂S₂ FW 266.47</p>
3,6-Dimethoxythiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1702</p>	3-Decylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1580</p>
 <p>CAS# [850233-79-3] Formula C₈H₈O₂S₂ FW 200.28</p>	 <p>CAS# [850233-79-3] Formula C₁₆H₂₄S₂ FW 280.49</p>
3,6-Dibutoxythiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1896</p>	2-Hexylthiopheno[3,4-b]thiophene <p style="text-align: right;">CAT# IN1311</p>
 <p>CAS# [850233-79-3] Formula C₁₄H₂₀O₂S₂ FW 284.44</p>	 <p>CAS# [1202695-55-3] Formula C₁₂H₁₆S₂ FW 224.39</p>
(3,6-Dibutoxythiopheno[3,2-b]thiophene-2,5-diyl)bis(tributylstannane) <p style="text-align: right;">CAT# IN1897</p>	3-Undecylthiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1839</p>
 <p>CAS# [850233-79-3] Formula C₃₈H₇₂O₂S₂Sn₂ FW 862.53</p>	 <p>CAS# [950223-97-9] Formula C₁₇H₂₆S₂ FW 294.52</p>
2,5-Bis(trimethylstannyl)thiopheno[3,2-b]thiophene <p style="text-align: right;">CAT# IN1104</p>	Tributyl(6-undecylthiopheno[3,2-b]thiophen-2-yl)stannane <p style="text-align: right;">CAT# IN1841</p>
 <p>CAS# [469912-82-1] Formula C₁₂H₂₀Sn₂S₂ FW 465.84</p>	 <p>CAS# [2304444-54-8] Formula C₂₉H₅₂S₂Sn FW 583.56</p>

Thieno[3,2-b]thiophene-2-carbonitrile	
CAT# IN1087	
	CAS# [40985-58-8] Formula C ₇ H ₃ NS ₂ FW 165.24
Thieno[3,2-b]thiophene-2-carboxylic acid	
CAT# IN1108	
	CAS# [1723-27-9] Formula C ₇ H ₄ O ₂ S ₂ FW 184.24
Thieno[3,2-b]thiophene-2,5-dicarbaldehyde	
CAT# IN1109	
	CAS# [37882-75-0] Formula C ₈ H ₄ O ₂ S ₂ FW 196.25
2,5-Di(thiophen-2-yl)thieno[3,2-b]thiophene	
CAT# IN1105	
	CAS# [21210-90-2] Formula C ₁₄ H ₈ S ₄ FW 304.47
2,5-Bis(5-bromo-3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene	
CAT# IN1275	
	CAS# [1246521-88-9] Formula C ₄₂ H ₆₂ Br ₂ S ₄ FW 855.01
Thieno[3,2-b]thiophene-2,5-diylboronic acid	
CAT# IN1742	
	CAS# Formula C ₆ H ₆ B ₂ O ₄ S ₂ FW 227.86
2-((2-(5-(4-(Diphenylamino)phenyl)thieno[3,2-b]thiophen-2-yl)thiazol-5-yl)methylene)malononitrile	
CAT# IN1743	
	CAS# [1610050-61-7] Formula C ₃₁ H ₁₈ N ₄ S ₃ FW 542.70
(E)-2-cyano-3-(5-(4-(diphenylamino)phenyl)thieno[3,2-b]thiophen-2-yl)acrylic acid	
CAT# IN1744	
	CAS# [1092363-69-3] Formula C ₂₈ H ₁₈ N ₂ O ₂ S ₂ FW 478.58

Monomer-Dithienothiophene (DTT) Series

Dithieno[3,2-b:2',3'-d']thiophene

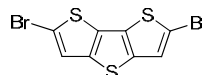
CAT# OC1018



CAS# [3593-75-7]
Formula C₈H₄S₃
FW 196.31

2,6-Dibromo-dithieno[3,2-b:2',3'-d']thiophene

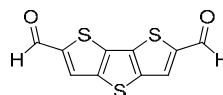
CAT# IN1068



CAS# [67061-69-2]
Formula C₈H₂Br₂S₃
FW 354.10

Dithieno[3,2-b:2',3'-d']thiophene-2,6-dicarbaldehyde

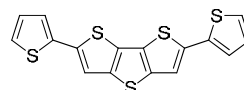
CAT# IN1117



CAS# [67061-73-8]
Formula C₁₀H₄O₂S₃
FW 252.33

2,6-Dithiophen-2-yl-dithieno[3,2-b:2',3'-d']thiophene

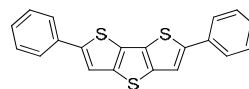
CAT# IN1115



CAS# [910788-24-8]
Formula C₁₆H₈S₅
FW 360.56

2,6-Diphenyldithieno[3,2-b:2',3'-d']thiophene

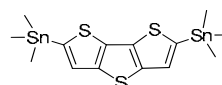
CAT# IN1116



CAS# [881838-94-4]
Formula C₂₀H₁₂S₃
FW 348.50

2,6-Bis(trimethyltin)-dithieno[3,2-b:2',3'-d']thiophene

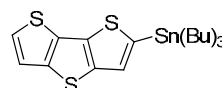
CAT# IN1118



CAS# [502764-57-0]
Formula C₁₄H₂₀S₃Sn₂
FW 521.92

Tributyl(dithieno[3,2-b:2',3'-d']thiophen-2-yl)stannane

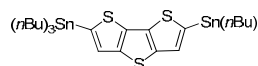
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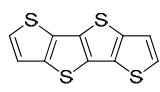
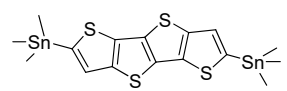
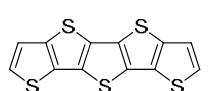
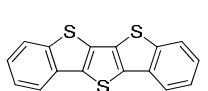
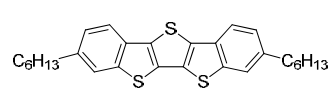
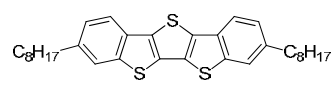
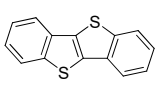
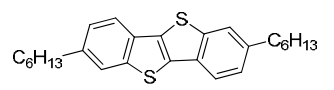
CAS#
Formula C₂₀H₃₀S₃Sn
FW 485.36

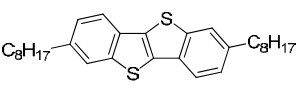
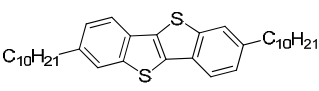
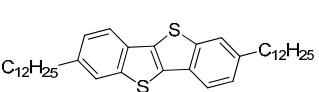
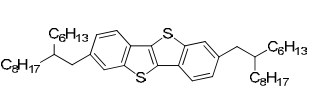
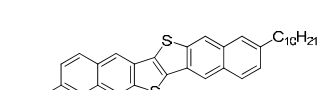
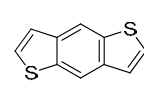
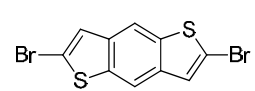
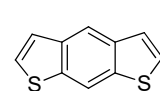
2,6-Bis(tributylstannyl)dithieno[3,2-b:2',3'-d']thiophene

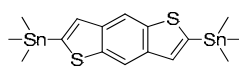
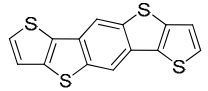
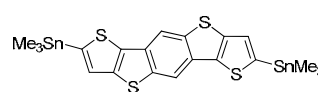
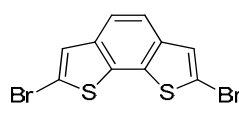
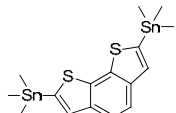
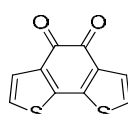
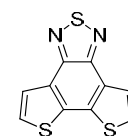
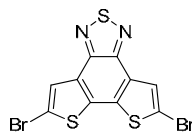
CAT# IN1586

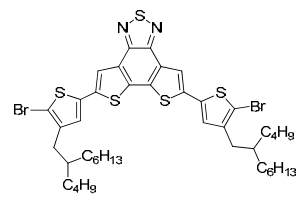
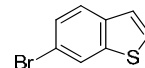
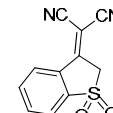
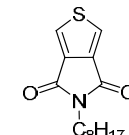
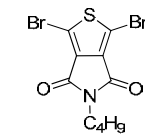
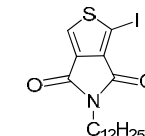
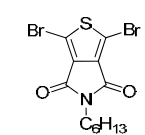


CAS# [944257-56-1]
Formula C₃₂H₅₆S₃Sn₂
FW 774.40

Monomer-TTTT Series	
Thieno[2',3':4,5]thieno[3,2-b]thieno[2,3-d]thiophene	CAT# IN1183
	CAS# [124796-78-7] Formula C ₁₀ H ₄ S ₄ FW 252.40
2,6-Bis(trimethylstannyl)thieno[2',3':4,5]thieno[3,2-b]thieno[2,3-d]thiophene	TTTT-SnMe3 CAT# IN1588
	CAS# [1372553-45-1] Formula C ₁₆ H ₂₀ S ₄ Sn ₂ FW 578.01
Thieno[2',3':4,5]thieno[3,2-b]thieno[2',3':4,5]thieno[2,3-d]thiophene	CAT# IN1120
	CAS# [124796-79-8] Formula C ₁₂ H ₄ S ₅ FW 308.49
Monomer-DBTDT Series	
Dibenzo[d,d]thieno[3,2-b;4,5-b']dithiophene	CAT# IN1119
	CAS# [241-13-4] Formula C ₁₆ H ₈ S ₃ FW 296.43
3,8-Dihexyl-thieno[3,2-b:4,5-b']bis[1]benzothiophene	C6-DBTDT CAT# IN1619
	CAS# [1355015-99-4] Formula C ₂₈ H ₃₂ S ₃ FW 464.75
3,8-Dioctyl-thieno[3,2-b:4,5-b']bis[1]benzothiophene	C8-DBTDT CAT# IN1159
	CAS# [1355015-99-4] Formula C ₃₂ H ₄₀ S ₃ FW 520.86
Monomer-BTBT Series	
Benzo[b]benzo[4,5]thieno[2,3-d]thiophene	BTBT CAT# IN1145
	CAS# [248-70-4] Formula C ₁₄ H ₈ S ₂ FW 240.34
2,7-Dihexyl[1]benzothieno[3,2-b][1]benzothiophene	C6-BTBT CAT# IN1676
	CAS# [1355015-99-4] Formula C ₂₆ H ₃₂ S ₂ FW 408.66

2,7-Dioctyl[1]benzothieno[3,2-b][1]benzothiophene	C8-BTBT CAT# IN1106
	CAS# [583050-70-8] Formula C ₃₀ H ₄₀ S ₂ FW 464.77
2,7-Didecyl[1]benzothieno[3,2-b][1]benzothiophene	C10-BTBT CAT# IN1677
	CAS# [1355015-99-4] Formula C ₃₄ H ₄₈ S ₂ FW 520.87
2,7-Didecyl[1]benzothieno[3,2-b][1]benzothiophene	C12-BTBT CAT# IN1678
	CAS# [1355015-99-4] Formula C ₃₈ H ₅₆ S ₂ FW 576.98
2,7-Bis(2-hexyldecyl)benzo[b]benzo[4,5]thieno[2,3-d]thiophene	CAT# IN1166
	CAS# / Formula C ₄₆ H ₇₂ S ₂ FW 689.19
2,9-Didecylindantho[2,3-b:2',3'-f]thieno[3,2-b]thiophene	CAT# IN1107
	CAS# [1355015-99-4] Formula C ₄₂ H ₅₂ S ₂ FW 620.99
Benzo[1,2-b:4,5-b']dithiophene	CAT# IN1601
	CAS# [267-65-2] Formula C ₁₀ H ₆ S ₂ FW 190.28
2,6-Dibromobenzo[1,2-b:4,5-b']dithiophene	CAT# IN1631
	CAS# [909280-97-3] Formula C ₁₀ H ₄ S ₂ Br ₂ FW 348.08
Benzo[1,2-b:5,4-b']dithiophene	CAT# IN1604
	CAS# [267-61-8] Formula C ₁₀ H ₆ S ₂ FW 190.28

2,6-Bis(trimethylstannyl)benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene	CAT# IN1101
	CAS# [1242077-07-1] Formula C ₁₆ H ₂₂ S ₂ Sn ₂ FW 515.90
Dithieno[2,3-<i>d</i>:2',3'-<i>d'</i>]benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene	CAT# IN1608
	CAS# [942578-58-7] Formula C ₁₄ H ₆ S ₄ FW 302.46
2,6-Bis(trimethylstannyl)dithieno[2,3-<i>d</i>:2',3'-<i>d'</i>]benzo[1,2-<i>b</i>:4,5-<i>b'</i>]dithiophene	CAT# IN1609
	CAS# / Formula C ₂₀ H ₂₂ S ₄ Sn ₂ FW 628.07
2,7-Dibromobenzo[1,2-<i>b</i>:6,5-<i>b'</i>]dithiophene	CAT# IN1898
	CAS# [70218-26-7] Formula C ₁₀ H ₄ Br ₂ S ₂ FW 348.08
2,7-Bis(trimethylstannyl)benzo[1,2-<i>b</i>:6,5-<i>b'</i>]dithiophene	CAT# IN1099
	CAS# / Formula C ₁₆ H ₂₂ S ₂ Sn ₂ FW 515.90
Benzo[1,2-<i>b</i>:6,5-<i>b'</i>]dithiophene-4,5-dione	CAT# IN1799
	CAS# [24243-32-1] Formula C ₁₀ H ₄ O ₂ S ₂ FW 220.27
Dithieno[3,2-<i>e</i>:2',3'-<i>g'</i>]-2,1,3-benzothiadiazole	CAT# IN1806
	CAS# [1256138-50-7] Formula C ₁₀ H ₄ N ₂ S ₃ FW 248.35
5,8-Dibromodithieno[3',2':3,4;2'',3''':5,6]benzo[1,2-<i>c</i>][1,2,5]thiadiazole	CAT# IN1807
	CAS# [1415761-37-3] Formula C ₁₀ H ₂ Br ₂ N ₂ S ₃ FW 406.14

5,8-Bis(5-bromo-4-(2-butylloctyl)thiophen-2-yl)dithieno[3',2':3,4;2'',3''':5,6]benzo[1,2-<i>c</i>][1,2,5]thiadiazole	CAT# IN1808
	CAS# / Formula C ₄₂ H ₅₄ Br ₂ N ₂ S ₅ FW 907.02
6-Bromobenzo[<i>b</i>]thiophene	CAT# IN1018
	CAS# [17347-32-9] Formula C ₈ H ₆ BrS FW 213.09
2-(1,1-Dioxidobenzo[<i>b</i>]thiophen-3(2<i>H</i>)-ylidene)malononitrile	CAT# IN1603
	CAS# [74228-25-4] Formula C ₁₁ H ₆ N ₂ O ₂ S FW 230.24
Monomer-Thienopyrroledione (TPD) Series	
5-Octyl-4<i>H</i>-thieno[3,4-<i>c</i>]pyrrole-4,6(5<i>H</i>)-dione	CAT# IN1613
	CAS# [773881-43-9] Formula C ₁₄ H ₁₉ N ₂ O ₂ S FW 265.37
1,3-Dibromo-5-butyl-4<i>H</i>-thieno[3,4-<i>c</i>]pyrrole-4,6(5<i>H</i>)-dione	CAT# IN1611
	CAS# [190723-14-9] Formula C ₁₀ H ₉ Br ₂ NO ₂ S FW 367.06
1-Iodo-5-dodecyl-4<i>H</i>-thieno[3,4-<i>c</i>]pyrrole-5,6(5<i>H</i>)-dione	CAT# IN1612
	CAS# / Formula C ₁₈ H ₂₆ INO ₂ S FW 447.37
1,3-Dibromo-5-hexyl-4<i>H</i>-thieno[3,4-<i>c</i>]pyrrole-4,6(5<i>H</i>)-dione	CAT# IN1616
	CAS# [566939-56-8] Formula C ₁₅ H ₁₇ Br ₂ FO ₂ S ₂ FW 472.23

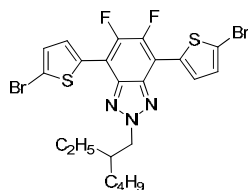
1,3-Dibromo-5-heptyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1615	
	CAS# [1 427705-63-2] Formula C ₁₃ H ₁₅ Br ₂ NO ₂ S FW 409.14
1,3-Dibromo-5-octyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1053	
	CAS# [5 66939-58-0] Formula C ₁₄ H ₁₇ Br ₂ NO ₂ S FW 423.16
1,3-Dibromo-5-(2-ethylhexyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1095	
	CAS# [1231160-83-0] Formula C ₁₄ H ₁₇ Br ₂ NO ₂ S FW 423.16
1,3-Dibromo-5-(2-butyloctyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1614	
	CAS# [1262241-50-8] Formula C ₁₈ H ₂₅ Br ₂ NO ₂ S FW 479.27
1,3-Dibromo-5-(2-hexyloctyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1617	
	CAS# [1262241-50-8] Formula C ₂₀ H ₂₉ Br ₂ NO ₂ S FW 507.32
1,3-Dibromo-5-(2-decyltetradecyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1096	
	CAS# [1262241-50-8] Formula C ₃₀ H ₄₉ Br ₂ NO ₂ S FW 647.59

1,3-Bis(5-bromo-3-tetradecylthiophen-2-yl)-5-dodecyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1208	
	CAS# [1262241-50-8] Formula C ₅₄ H ₈₅ Br ₂ NO ₂ S ₃ FW 1036.26
Monomer-EDOT Series	
Tributyl(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)stannane CAT# IN1110	
	CAS# [175922-79-9] Formula C ₁₈ H ₃₂ O ₂ SSn FW 431.22
7-Bromo-2,3-dihydrothieno[3,4-b][1,4]dioxine-5-carbaldehyde CAT# IN1910	
	CAS# [852054-42-3] Formula C ₇ H ₅ BrO ₃ S FW 249.08
5,7-Bis(trimethylstannyl)-2,3-dihydrothieno[3,4-b][1,4]dioxine CAT# IN1919	
	CAS# [459409-70-2] Formula C ₁₂ H ₂₂ O ₂ SSn ₂ FW 467.79
4,7-Bis(thieno[3,4-b][1,4]dioxin-5-yl)benzo[c][1,2,5]thiadiazole CAT# IN1928	
	CAS# [240823-06-7] Formula C ₁₈ H ₁₂ N ₂ O ₄ S ₃ FW 416.49
Monomer-Triazole and Tetrazine Series	
2-Octyl-1,2,3-benzotriazole CAT# IN1027	
	CAS# [112642-69-0] Formula C ₁₄ H ₁₂ N ₃ FW 231.34
2-(6-Bromohexyl)benzotriazole CAT# IN1032	
	CAS# [890704-00-4] Formula C ₁₂ H ₁₆ BrN ₃ FW 282.18

4,7-Dibromo-5,6-dinitro-2-propyl-2H-benzo[d][1,2,3]triazole CAT# IN1891		CAS# Formula FW	 $C_9H_7Br_2N_5O_4$ 408.99
4,7-Dibromo-2-octyl-1,2,3-benzotriazole CAT# IN1026		CAS# Formula FW	 <i>[960509-83-5]</i> $C_{14}H_{19}Br_2N_3$ 389.13
5-(2-(2-Ethylhexyl)-7-(5-ethynylthiophen-2-yl)-2H-benzo[d][1,2,3]triazolo-4-yl)thiophene-2-carbaldehyde CAT# IN1899		CAS# Formula FW	 $C_{25}H_{28}N_3OS_2$ 447.62
2-(2-Butyloctyl)-benzotriazole CAT# IN1641		CAS# Formula FW	 $C_{18}H_{29}N_3$ 287.44
4,7-Dibromo-2-(2-butyloctyl)-2H-benzo[d][1,2,3]triazole CAT# IN1642		CAS# Formula FW	 <i>[1329120-89-9]</i> $C_{18}H_{27}Br_2N_3$ 445.24
4,7-Dibromo-2-(heptadecan-9-yl)-2H-benzo[1,2,3]triazole CAT# IN1645		CAS# Formula FW	 <i>[1312118-15-2]</i> $C_{23}H_{37}Br_2N_3$ 515.37
5,6-Difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1315		CAS# Formula FW	 $C_{23}H_{37}F_2N_3$ 393.56

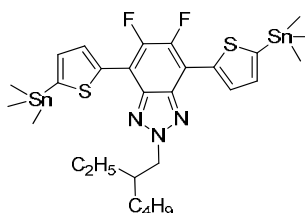
4,7-Dibromo-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1646		CAS# Formula FW	 <i>[1616860-69-5]</i> $C_{23}H_{35}Br_2F_2N_3$ 551.35
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1648		CAS# Formula FW	 <i>[1616860-72-0]</i> $C_{31}H_{39}Br_2F_2N_3S_2$ 715.60
2-(6-Bromohexyl)-4,7-dibromobenzotriazole CAT# IN1033		CAS# Formula FW	 <i>[890704-02-6]</i> $C_{12}H_{14}Br_3N_3$ 439.97
4,7-Bis(5-bromofuran-2-yl)-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1392		CAS# Formula FW	 $C_{22}H_{21}Br_2F_2N_3O_2$ 557.23
2-(2-Ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1371		CAS# Formula FW	 <i>[2 211181-64-3]</i> $C_{14}H_{19}F_2N_3$ 267.32
4,7-Dibromo-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1385		CAS# Formula FW	 <i>[1 283099-24-0]</i> $C_{14}H_{17}Br_2F_2N_3$ 425.11

4,7-Bis(5-bromothiophen-2-yl)-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole
CAT# IN1393



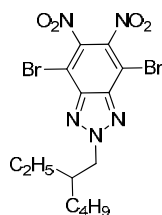
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Formula $C_{22}H_{21}Br_2F_2N_3S_2$
FW 589.36

2-(2-Ethylhexyl)-5,6-difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole
CAT# IN1394



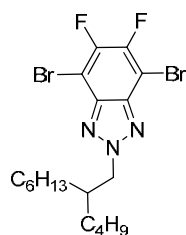
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FW 757.18

4,7-Dibromo-2-(2-ethylhexyl)-5,6-dinitro-2H-benzo[d][1,2,3]triazole
CAT# IN1794



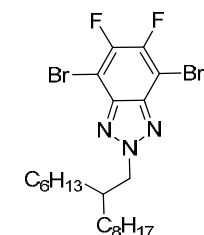
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CAT# IN1386



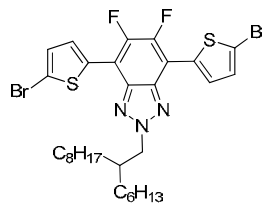
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CAT# IN1399



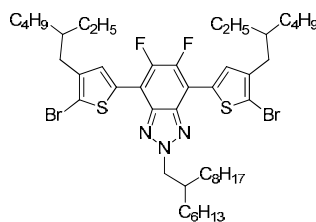
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FW 537.32

4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1409



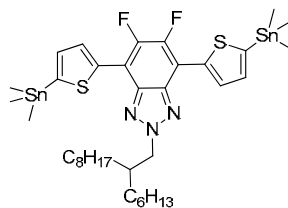
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Formula $C_{30}H_{37}Br_2F_2N_3S_2$
FW 701.57

4,7-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1798



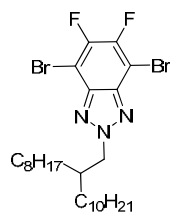
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Formula $C_{46}H_{69}Br_2F_2N_3S_2$
FW 925.99

5,6-Difluoro-2-(2-hexyldecyl)-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole
CAT# IN1420



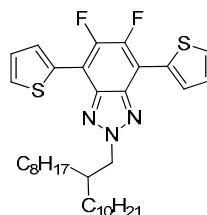
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Formula $C_{36}H_{55}F_2N_3S_2Sn_2$
FW 869.39

4,7-Dibromo-5,6-difluoro-2-(2-octyldecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1626



CAS# /
Formula $C_{26}H_{41}Br_2F_2N_3$
FW 593.43

5,6-Difluoro-2-(2-octyldecyl)-4,7-di(thiophen-2-yl)-2H-benzo[d][1,2,3]triazole
CAT# IN1416



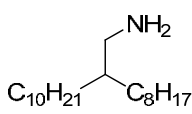
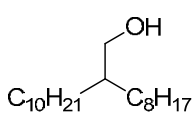
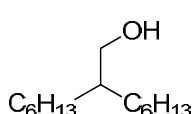
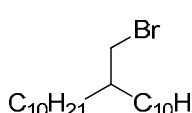
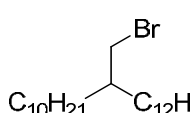
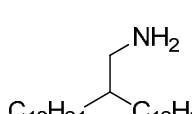
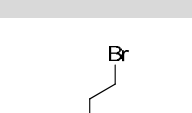
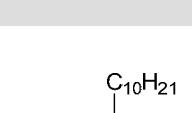
CAS# /
Formula $C_{34}H_{47}F_2N_3S_2$
FW 599.88

4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-octyldodecyl)-2H-benzo[d][1,2,3]triazole	CAT# IN1607
	CAS# [1 450590-67-6] Formula C ₃₄ H ₄₅ Br ₂ F ₂ N ₃ S ₂ FW 757.68
4,7-Dibromo-2-(2-decyltetradecyl)-2H-benzo[d][1,2,3]triazole	CAT# IN1638
	CAS# / Formula C ₃₀ H ₅₁ Br ₂ N ₃ FW 613.55
4,7-Dibromo-5,6-difluoro-2-propyl-2H-benzo[d][1,2,3]triazole	CAT# IN1397
	CAS# / Formula C ₉ H ₇ Br ₂ F ₂ N ₃ FW 354.98
5,6-Difluoro-2-propyl-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole	CAT# IN1528
	CAS# [2 094719-28-3] Formula C ₂₃ H ₂₉ F ₂ N ₃ S ₂ Sn ₂ FW 687.04
4,7-Dibromo-5,6-difluoro-2-hexyl-2H-benzo[d][1,2,3]triazole	CAT# IN1398
	CAS# [1 438278-03-5] Formula C ₁₂ H ₁₃ Br ₂ F ₂ N ₃ FW 397.06
4,7-Dibromo-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole	CAT# IN1387
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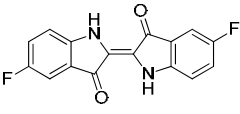
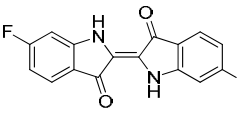
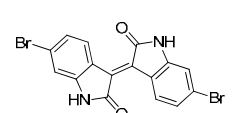
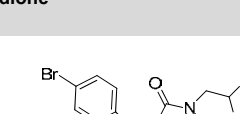
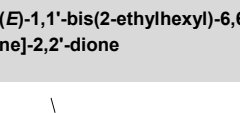
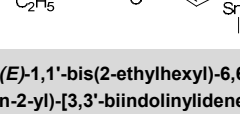
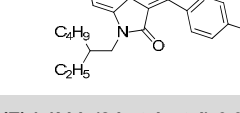
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole	CAT# IN1388
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2-Octyl-4,7-di(5-bromo-thiophen-2-yl)-2H-benzo[d][1,2,3]triazole	CAT# IN1047
	CAS# [1 254062-39-9] Formula C ₂₂ H ₂₃ Br ₂ N ₃ S ₂ FW 553.38
3,5-Bis(3-bromophenyl)-4-phenyl-4H-1,2,4-triazole	CAT# IN1066
	CAS# [1198843-27-4] Formula C ₂₀ H ₁₃ Br ₂ N ₃ FW 455.15
3,5-Bis(4-bromophenyl)-4-phenyl-4H-1,2,4-triazole	CAT# IN1067
	CAS# [208124-25-8] Formula C ₂₀ H ₁₃ Br ₂ N ₃ FW 455.15
3,6-Bis(5-bromothiophen-2-yl)-1,2,4,5-tetrazine	CAT# IN1370
	CAS# / Formula C ₁₀ H ₄ Br ₂ N ₄ S ₂ FW 404.10
3,6-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-1,2,4,5-tetrazine	CAT# IN1372
	CAS# [1260224-09-6] Formula C ₂₆ H ₃₆ Br ₂ N ₄ S ₂ FW 628.53
4-(5-(6-(5-Bromo-4-(2-ethylhexyl)thiophen-2-yl)-1,2,4,5-tetrazin-3-yl)-(2-ethylhexyl)thiophen-2-yl)-N,N-bis(4-(hexyloxy)phenyl)aniline	CAT# IN1373
	CAS# / Formula C ₅₆ H ₇₄ BrN ₅ O ₂ S ₂ FW 993.25

3,6-Bis(4-bromophenyl)-1,2,4,5-tetrazine		CAT# IN1378
	CAS# [37932-46-0] Formula C ₁₄ H ₈ Br ₂ N ₄ FW 392.05	
4'-(6-(4-Bromophenyl)-1,2,4,5-tetrazin-3-yl)-N,N-bis(4-(hexyloxy)phenyl)-[1,1'-biphenyl]-4-amine		CAT# IN1379
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Intermediates-Alkyl Chain Series		
Undecan-6-amine		CAT# IN1059
	CAS# [3 3788-00-0] Formula C ₁₁ H ₂₅ N FW 171.32	
Tridecan-7-amine		CAT# IN1826
	CAS# [2 2513-16-2] Formula C ₁₃ H ₂₉ N FW 199.38	
Pentadecan-8-amine		CAT# IN1827
	CAS# [1 8618-64-9] Formula C ₁₅ H ₃₃ N FW 227.43	
Heptadecan-9-ol		CAT# IN1051
	CAS# [624-08-8] Formula C ₁₇ H ₃₆ O FW 256.47	
7-Tridecanol		CAT# IN1851
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Heptadecan-9-amine		CAT# IN1351
	CAS# [3241-20-1] Formula C ₁₇ H ₃₇ N FW 255.48	
Nonadecan-10-amine		CAT# IN1829
	CAS# [3 241-23-4] Formula C ₁₉ H ₄₁ N FW 283.54	

Tricosan-12-amine		CAT# IN1890
	CAS# [2 2513-17-3] Formula C ₂₃ H ₄₉ N FW 339.64	
5-(Bromomethyl)undecane		CAT# IN1382
	CAS# [85531-02-8] Formula C ₁₂ H ₂₅ Br FW 249.23	
2-Hexyldecane-1-ol		CAT# IN1381
	CAS# [2425-77-6] Formula C ₁₆ H ₃₄ O FW 242.44	
7-(Bromomethyl)pentadecane		CAT# IN1383
	CAS# [52997-43-0] Formula C ₁₆ H ₃₃ Br FW 305.34	
2-Hexyldecane-1-amine		CAT# IN1352
	CAS# [62281-05-4] Formula C ₁₆ H ₃₅ N FW 241.46	
9-(Bromomethyl)nonadecane		CAT# IN1451
	CAS# [69620-20-8] Formula C ₂₀ H ₄₁ Br FW 361.44	
2-Butyloctane-1-amine		CAT# IN1452
	CAS# [217655-07-7] Formula C ₁₂ H ₂₇ N FW 185.35	
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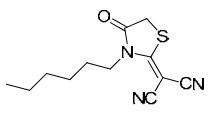
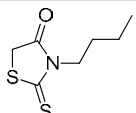
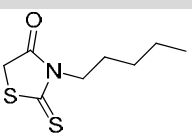
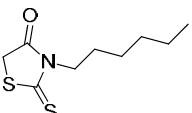
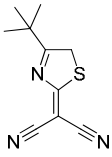
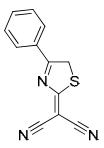
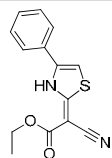
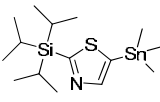
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2-Octyldodecan-1-ol	CAT# IN1050
	CAS# [5 333-42-6] Formula C ₂₀ H ₄₂ O FW 298.55
2-Hexyloctan-1-ol	CAT# IN1836
	CAS# [1 9780-79-1] Formula C ₁₄ H ₃₀ O FW 214.39
11-(Bromomethyl)henicosane	CAT# IN1057
	CAS# [1 473452-21-9] Formula C ₂₂ H ₄₅ Br FW 389.50
11-(Bromomethyl)tricosane	CAT# IN1148
	CAS# [7 32276-63-0] Formula C ₂₄ H ₄₉ Br FW 417.55
2-Decyltetradecan-1-amine	CAT# IN1158
	CAS# [6 2281-07-6] Formula C ₂₄ H ₅₁ N FW 353.67
11-(2-Bromoethyl)henicosane	CAT# IN1058
	CAS# [1821433-54-8] Formula C ₂₃ H ₄₇ Br FW 403.52
11-(2-Iodoethyl)henicosane	CAT# OC1022
	CAS# [2227382-74-1] Formula C ₂₃ H ₄₇ I FW 450.52

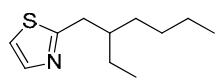
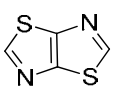
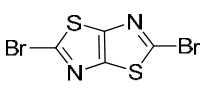
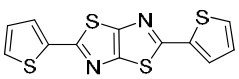
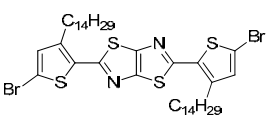
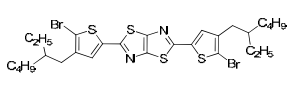
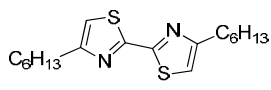
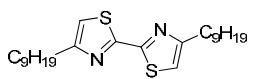
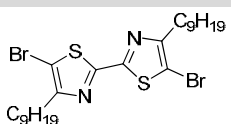
Monomer-Isoindigo (IID) Series

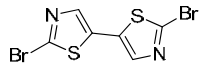
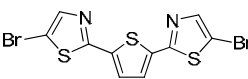
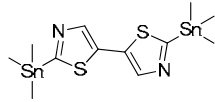
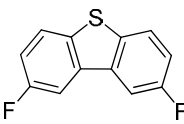
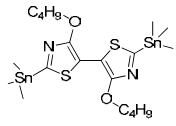
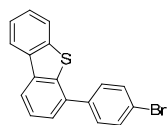
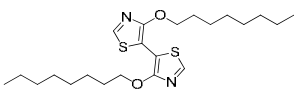
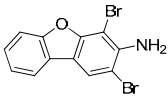
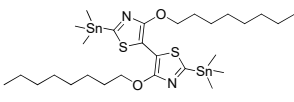
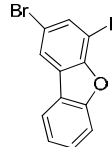
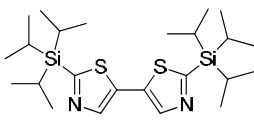
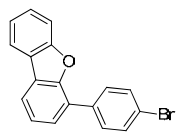
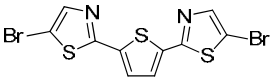
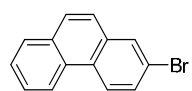
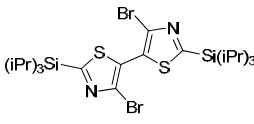
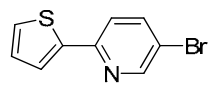
(E)-5,5'-difluoro-[2,2'-biindolinylidene]-3,3'-dione	CAT# IN1353
	CAS# [1147124-21-7] Formula C ₁₆ H ₈ F ₂ N ₂ O ₂ FW 298.24
(E)-6,6'-difluoro-[2,2'-biindolinylidene]-3,3'-dione	CAT# IN1354
	CAS# [1147124-21-7] Formula C ₁₆ H ₈ F ₂ N ₂ O ₂ FW 298.24
(E)-6,6'-dibromo-[3,3'-biindolinylidene]-2,2'-dione	CAT# IN1359
	CAS# [1147124-21-7] Formula C ₁₆ H ₈ Br ₂ N ₂ O ₂ FW 420.05
(E)-6,6'-dibromo-1,1'-bis(2-ethylhexyl)-[3,3'-biindolinylidene]-2,2'-dione	CAT# IN1360
	CAS# [1147124-23-9] Formula C ₃₂ H ₄₀ Br ₂ N ₂ O ₂ FW 644.48
(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(trimethylstannyl)-[3,3'-biindolinylidene]-2,2'-dione	CAT# IN1362
	CAS# [1821433-54-8] Formula C ₃₈ H ₅₈ N ₂ O ₂ Sn ₂ FW 812.30
(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinylidene]-2,2'-dione	CAT# IN1662
	CAS# [1821433-54-8] Formula C ₄₄ H ₆₄ B ₂ N ₂ O ₆ FW 738.61
(E)-1,1'-bis(2-butyloctyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinylidene]-2,2'-dione	CAT# IN1665
	CAS# [2227382-74-1] Formula C ₅₂ H ₈₀ B ₂ N ₂ O ₆ FW 850.821

(E)-6,6'-dibromo-1,1'-bis(2-hexyldecyl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1367	
	CAS#	Formula	C ₄₈ H ₇₂ Br ₂ N ₂ O ₂
	FW		868.91
(E)-6,6'-dibromo-1,1'-bis(2-octyldecyl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1363	
	CAS#	Formula	[1263379-85-6]
	FW		981.12
(E)-6,6'-Dibromo-1,1'-bis(2-decyldodecyl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1361	
	CAS#	Formula	C ₈₀ H ₉₆ Br ₂ N ₂ O ₂
	FW		1037.22
(E)-6,6'-Dibromo-1,1'-bis(4-decyltetradecyl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1364	
	CAS#	Formula	C ₆₄ H ₁₀₄ Br ₂ N ₂ O ₂
	FW		1093.33
(E)-6,6'-dibromo-1,1'-bis(5-decylpentadecyl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1365	
	CAS#	Formula	C ₆₆ H ₁₀₆ Br ₂ N ₂ O ₂
	FW		1121.38
(E)-2,2'-dibromo-4,4'-bis(2-ethylhexyl)-[6,6'-bithieno[3,2-b]pyrrolylide ne]-5,5'-(4H,4H)-dione		CAT# IN1368	
	CAS#	Formula	[1147124-49-9]
	FW		656.54

(E)-1,1'-bis(2-ethylhexyl)-6,6'-di(thiophen-2-yl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1369	
	CAS#	Formula	[1327155-08-7]
	FW		650.94
(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(5-(trimethylstannyl)thiophen-2-yl)-[3,3'-biindolinylidene]-2,2'-dione		CAT# IN1366	
	CAS#	Formula	C ₄₆ H ₆₂ N ₂ O ₂ S ₂ Sn ₂
	FW		976.55
2,6-Dibromoanthracene-9,10-dione		CAT# IN1085	
	CAS#	Formula	[633-70-5]
	FW		366.00
1,5-Diamino-3,7-dibromoanthracene-9,10-dione		CAT# IN1865	
	CAS#	Formula	/
	FW		396.03
2-(3-Cyano-4,5,5-trimethylfuran-2(5H)-ylidene)malononitrile		CAT# IN1602	
	CAS#	Formula	[171082-32-9]
	FW		199.21
1-(2-Ethylhexyl)-2,5-bis(trimethylstannyl)-1H-pyrrole		CAT# IN1745	
	CAS#	Formula	C ₁₈ H ₃₇ NSn ₂
	FW		504.91
Monomer-Bithiazole (BTZ) Series			
2-(3-Ethyl-4-oxothiazolidin-2-ylidene)malononitrile		CAT# IN1406	
	CAS#	Formula	[623558-68-9]
	FW		193.23

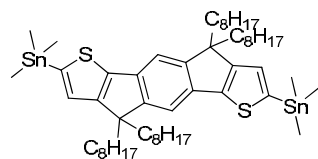
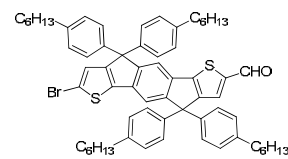
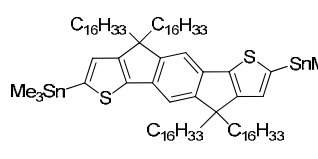
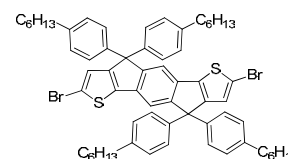
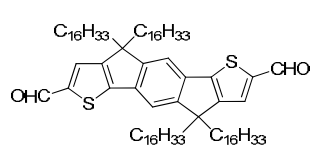
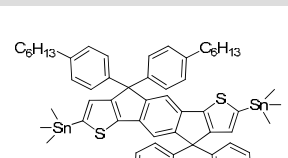
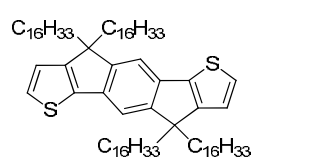
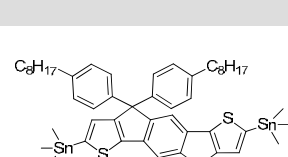
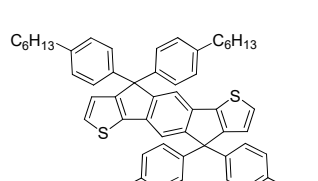
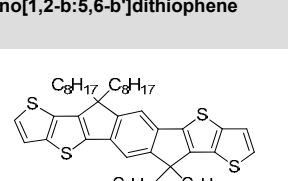
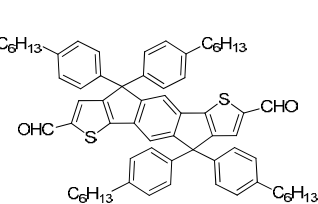
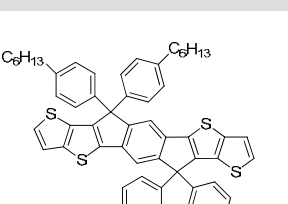
2-(3-Hexyl-4-oxothiazolidin-2-ylidene)malononitrile		CAT# IN1408	
	CAS#	Formula	FW
		$C_{12}H_{15}N_3OS$	249.33
4-Thiazolidinone,3-butyl-2-thioxo-		CAT# IN1679	
	CAS#	Formula	FW
	[21494-64-4]	$C_7H_{11}NOS_2$	189.30
3-Pentyl-2-thioxothiazolidin-4-one		CAT# IN1669	
	CAS#	Formula	FW
	[56347-25-2]	$C_8H_{13}NOS_2$	203.32
3-Hexyl-2-thioxothiazolidin-4-one		CAT# IN1726	
	CAS#	Formula	FW
	[56347-27-4]	$C_9H_{15}NOS_2$	217.35
2-(4-(Tert-butyl)thiazol-2(5H)-ylidene)malononitrile		CAT# IN1407	
	CAS#	Formula	FW
		$C_{10}H_{11}N_3S$	205.28
2-(4-Phenylthiazol-2(5H)-ylidene)malononitrile		CAT# IN1412	
	CAS#	Formula	FW
		$C_{12}H_7N_3S$	225.27
(E)-ethyl 2-cyano-2-(4-phenylthiazol-2(3H)-ylidene)acetate		CAT# IN1415	
	CAS#	Formula	FW
		$C_{14}H_{12}N_2O_2S$	272.32
2-(Triisopropylsilyl)-5-(trimethylstannyl)thiazole		CAT# IN1543	
	CAS#	Formula	FW
		$C_{15}H_{31}NSSiSn$	404.27

2-(2-Ethylhexyl)thiazole		CAT# IN1784	
	CAS#	Formula	FW
		$C_{11}H_{19}NS$	197.34
Thiazolo[5,4-d]thiazole		CAT# IN1400	
	CAS#	Formula	FW
	[251-56-9]	$C_4H_2N_2S_2$	142.20
2,5-Dibromothiazolo[5,4-d]thiazole		CAT# IN1401	
	CAS#	Formula	FW
	[1040390-19-9]	$C_4Br_2N_2S_2$	299.99
2,5-Di(thiophen-2-yl)thiazolo[5,4-d]thiazole		CAT# IN1402	
	CAS#	Formula	FW
	[29608-87-5]	$C_{12}H_8N_2S_4$	306.45
2,5-Bis(5-bromo-3-tetradecylthiophen-2-yl)thiazolo[5,4-d]thiazole		CAT# IN1404	
	CAS#	Formula	FW
		$C_{40}H_{60}Br_2N_2S_4$	856.99
2,5-Di(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-thiazolo[5,4-d]thiazole		CAT# IN1405	
	CAS#	Formula	FW
		$C_{28}H_{36}Br_2N_2S_4$	688.67
4,4'-Dihexyl-2,2'-bithiazole		CAT# IN1143	
	CAS#	Formula	FW
	[180729-92-4]	$C_{18}H_{28}N_2S_2$	336.56
4,4'-Dinonyl-2,2'-bithiazole		CAT# IN1034	
	CAS#	Formula	FW
	[180729-91-3]	$C_{24}H_{40}N_2S_2$	420.72
5,5'-Dibromo-4,4'-dinonyl-2,2'-bithiazole		CAT# IN1035	
	CAS#	Formula	FW
	[172100-44-6]	$C_{24}H_{38}Br_2N_2S_2$	578.51

2,2'-Dibromo-5,5'-bithiazole <p style="text-align: right;">CAT# IN1435</p>	2,5-Bis(5-bromothiazol-2-yl)thiophene <p style="text-align: right;">CAT# IN1444</p>
 <p>CAS# [960069-36-7] Formula C₆H₂Br₂N₂S₂ FW 326.03</p>	 <p>CAS# [224453-08-1] Formula C₁₀H₄Br₂N₂S₃ FW 408.16</p>
2,2'-Bis(trimethylstannyl)-5,5'-bithiazole <p style="text-align: right;">CAT# IN1436</p>	2,8-Difluorodibenzo[b,d]thiophene <p style="text-align: right;">CAT# OC1021</p>
 <p>CAS# Formula C₁₂H₂₀N₂S₂Sn₂ FW 493.85</p>	 <p>CAS# [224453-08-1] Formula C₁₂H₆F₂S FW 220.24</p>
4,4'-Dibutoxy-2,2'-bis(trimethylstannyl)-5,5'-bithiazole <p style="text-align: right;">CAT# IN1440</p>	3,4-(4-Bromophenyl)dibenzo[b,d]thiophene <p style="text-align: right;">CAT# OC1025</p>
 <p>CAS# Formula C₂₀H₃₆N₂O₂S₂Sn₂ FW 638.06</p>	 <p>CAS# [530402-77-8] Formula C₁₈H₁₁BrS FW 339.25</p>
4,4'-Bis(octyloxy)-5,5'-bithiazole <p style="text-align: right;">CAT# IN1442</p>	2,4-Dibromodibenzo[b,d]furan-3-amine <p style="text-align: right;">CAT# OC1028</p>
 <p>CAS# / Formula C₂₂H₃₆N₂O₂S₂ FW 424.66</p>	 <p>CAS# [133953-35-2] Formula C₁₂H₇Br₂NO FW 341.00</p>
4,4'-Bis(octyloxy)-2,2'-bis(trimethylstannyl)-5,5'-bithiazole <p style="text-align: right;">CAT# IN1443</p>	2-Bromo-4-iododibenzo[b,d]furan <p style="text-align: right;">CAT# OC1037</p>
 <p>CAS# [2215018-37-2] Formula C₂₈H₅₂N₂O₂S₂Sn₂ FW 750.27</p>	 <p>CAS# [1401068-25-4] Formula C₁₂H₆BrIO FW 372.98</p>
2,2'-Bis(triisopropylsilyl)-5,5'-bithiazole <p style="text-align: right;">CAT# IN1635</p>	4-(4-Bromophenyl)dibenzo[b,d]furan <p style="text-align: right;">CAT# OC1030</p>
 <p>CAS# [1160067-11-7] Formula C₂₄H₄₄N₂S₂Si₂ FW 480.92</p>	 <p>CAS# [955959-84-9] Formula C₁₈H₁₁BrO FW 323.18</p>
2,5-Bis(5-bromothiazol-2-yl)thiophene <p style="text-align: right;">CAT# IN1444</p>	2-Bromophenanthrene <p style="text-align: right;">CAT# OC1075</p>
 <p>CAS# [224453-08-1] Formula C₁₀H₄Br₂N₂S₃ FW 408.16</p>	 <p>CAS# [62162-97-4] Formula C₁₄H₉Br FW 257.1</p>
2,2'-Bis-triisopropylsilyl-4,4'-dibromo-5,5'-bithiazole <p style="text-align: right;">CAT# IN1015</p>	5-Bromo-2-(thiophen-2-yl)pyridine <p style="text-align: right;">CAT# IN1313</p>
 <p>CAS# [1223559-98-5] Formula C₂₄H₄₂Br₂N₂S₂Si₂ FW 638.71</p>	 <p>CAS# [91891-74-6] Formula C₉H₆BrNS FW 240.12</p>

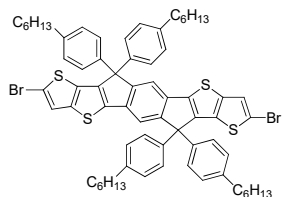
5-Bromo-2-(5-bromothiophen-2-yl)pyridine	CAT# IN1314
	CAS# [136902-53-9] Formula C ₈ H ₆ Br ₂ NS FW 319.02
4-Bromo-1-(thiophen-2-yl)isoquinoline	CAT# IN1316
	CAS# Formula C ₁₃ H ₈ BrNS FW 290.18
1-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)isoquinoline	CAT# IN1596
	CAS# Formula C ₁₅ H ₁₈ BNO ₂ FW 255.12
Monomer-Indenofluorene (IF) Series	
6,12-Dihydroindeno[1,2-b]fluorene	CAT# IN1682
	CAS# [486-52-2] Formula C ₂₀ H ₁₄ FW 254.33
2,8-Dibromo-6,12-dihydroindeno[1,2-b]fluorene	CAT# IN1681
	CAS# [848982-57-0] Formula C ₂₀ H ₁₂ Br ₂ FW 412.12
2,8-Dibromo-6,6,12,12-tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene	CAT# IN1683
	CAS# Formula C ₄₄ H ₆₀ Br ₂ FW 748.76
2,2'-(6,6,12,12-Tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl) bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)	CAT# IN1684
	CAS# Formula C ₅₆ H ₈₄ B ₂ O ₄ FW 842.89
2,2'-(6,6,12,12-Tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl) bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)	CAT# IN1685
	CAS# [628303-20-8] Formula C ₆₄ H ₁₀₀ B ₂ O ₄ FW 955.10

2,8-Dibromo-6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene	CAT# IN1686
	CAS# [264281-45-0] Formula C ₅₂ H ₇₆ Br ₂ FW 860.97
Cyclopenta[2'',1''':5,6;3'',4''':5',6']diindeno[1,2-b:1',2'-b']dithiophene	CAT# IN1921
	CAS# [1361061-16-6] Formula C ₇₁ H ₁₁₀ S ₂ FW 1027.76
Monomer-Indacenodithiophene (IDT) Series	
4,9-Dihydro-s-indaceno[1,2-b:5,6-b']dithiophene	CAT# IN1467
	CAS# [1209012-31-6] Formula C ₁₆ H ₁₀ S ₂ FW 266.38
2,7-Dibromo-4,4,9,9-tetrakis(2-ethylhexyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene	CAT# IN1410
	CAS# Formula C ₄₈ H ₇₂ Br ₂ S ₂ FW 873.02
(4,4,9,9-Tetra-butyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)	CAT# IN1462
	CAS# / Formula C ₃₈ H ₅₈ S ₂ Sn ₂ FW 816.42
(4,4,9,9-Tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)	CAT# IN1469
	CAS# Formula C ₄₆ H ₇₄ S ₂ Sn ₂ FW 928.63
2,7-Diethynyl-4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene	CAT# IN1541
	CAS# / Formula C ₄₄ H ₅₈ S ₂ FW 651.06

<p>(4,4,9,9-Tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)</p> <p style="text-align: right;">CAT# IN1633</p>	<p>7-Bromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2-carbaldehyde</p> <p style="text-align: right;">CAT# IN1464</p>
 <p>CAS# / Formula C₅₄H₉₀S₂Sn₂ FW 1040.84</p>	 <p>CAS# [1361418-07-6] Formula C₆₅H₇₃BrOS₂ FW 1014.31</p>
<p>(4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)</p> <p>ID-2Sn CAT# IN1553</p>	<p>2,7-Dibromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p style="text-align: right;">CAT# IN1465</p>
 <p>CAS# / Formula C₈₆H₁₃₄S₂Sn₂ FW 1489.69</p>	 <p>CAS# [1049034-71-0] Formula C₆₄H₇₂Br₂S₂ FW 1065.19</p>
<p>4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde</p> <p>ID-CHO CAT# IN1554</p>	<p>(4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)</p> <p style="text-align: right;">CAT# IN1466</p>
 <p>CAS# / Formula C₈₂H₁₃₈O₂S₂ FW 1220.10</p>	 <p>CAS# [1252555-61-5] Formula C₇₀H₉₀S₂Sn₂ FW 1233.01</p>
<p>4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p style="text-align: right;">CAT# IN1555</p>	<p>(4,4,9,9-Tetrakis(4-octylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)</p> <p style="text-align: right;">CAT# IN1438</p>
 <p>CAS# / Formula C₈₀H₁₃₈S₂ FW 1164.08</p>	 <p>CAS# [1433218-20-2] Formula C₇₈H₁₀₆S₂Sn₂ FW 1345.23</p>
<p>4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p style="text-align: right;">CAT# IN1461</p>	<p>1,1'-(6,12-Dihydro-6,6,12,12-tetraoctyldithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p style="text-align: right;">CAT# IN1718</p>
 <p>CAS# [1049034-67-4] Formula C₆₄H₇₄S₂ FW 907.40</p>	 <p>CAS# / Formula C₅₂H₇₄S₄ FW 827.40</p>
<p>4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde</p> <p style="text-align: right;">CAT# IN1463</p>	<p>6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene</p> <p style="text-align: right;">CAT# IN1868</p>
 <p>CAS# [1884694-93-2] Formula C₆₈H₇₄O₂S₂ FW 963.42</p>	 <p>CAS# [1420071-64-2] Formula C₆₈H₇₄S₄ FW 1019.58</p>

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dibromo

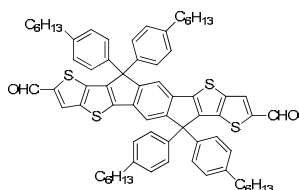
CAT# IN1869



CAS# [2227361-27-3]
Formula $C_{68}H_{72}Br_2S_4$
FW 1177.37

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dicarboxaldehyde

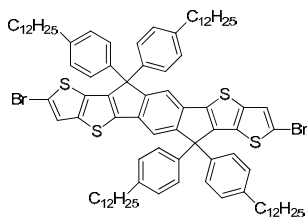
CAT# IN1468



CAS# [1878125-76-8]
Formula $C_{70}H_{74}O_2S_4$
FW 1075.60

6,6,12,12-Tetrakis(4-dodecylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dibromo

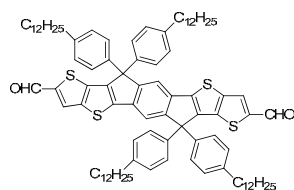
CAT# IN1877



CAS#
Formula $C_{92}H_{120}Br_2S_4$
FW 1514.01

6,6,12,12-Tetrakis(4-dodecylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dicarboxaldehyde

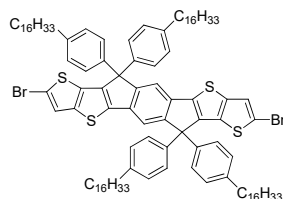
CAT# IN1878



CAS#
Formula $C_{94}H_{122}O_2S_4$
FW 1412.23

6,6,12,12-Tetrakis(4-cetylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dicarboxaldehyde

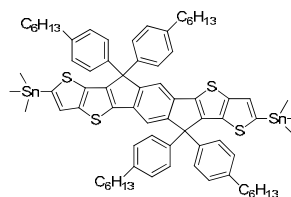
CAT# IN1879



CAS#
Formula $C_{108}H_{152}Br_2S_4$
FW 1738.43

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-bis(trimethylstannane)

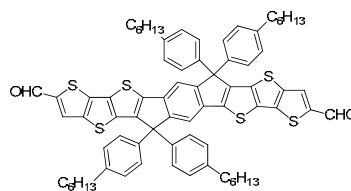
CAT# IN1419



CAS# [1420071-65-3]
Formula $C_{74}H_{90}S_4Sn_2$
FW 1345.19

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[3,2-b;2',3'-d']thiophene-s-indaceno[3,2-b;2',3'-d']thiophene-2,8-dicarboxaldehyde

CAT# IN1818

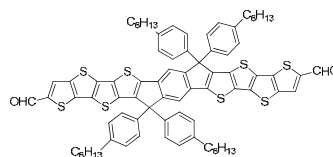


CAS# [2085792-42-1]
Formula $C_{74}H_{74}O_2S_6$
FW 1187.77

Bisthieno[2'',3'':4',5']thieno[2',3':4,5]thieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,10-dicarboxaldehyde,7,7',15,15'-tetrakis(4-hexylphenyl)-7,15-dihydro-

IDTTTTB6-2CHO

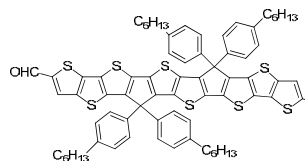
CAT# IN1819



CAS# [2229934-75-0]
Formula $C_{78}H_{74}O_2S_8$
FW 1299.94

4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopent a[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene

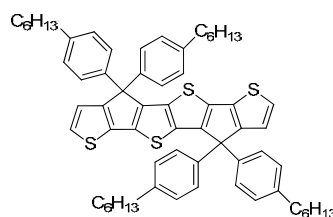
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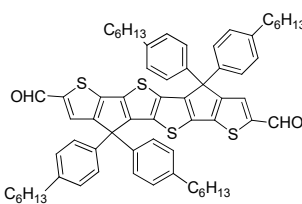
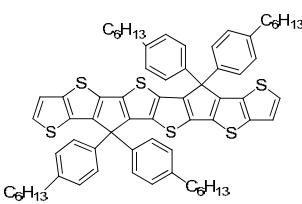
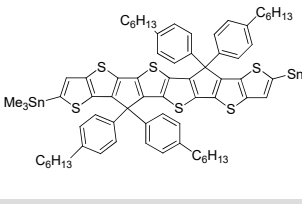
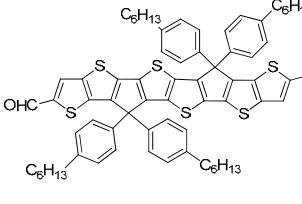
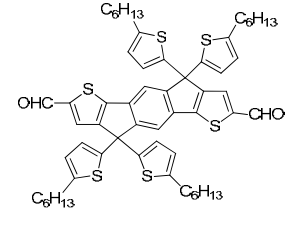
CAS# /
Formula $C_{74}H_{72}O_2S_8$
FW 1249.88

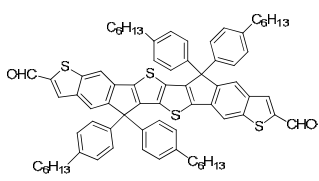
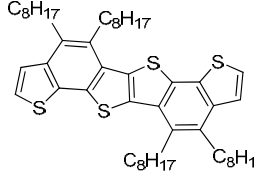
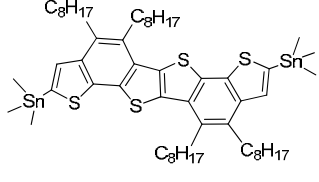
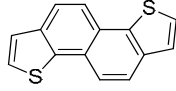
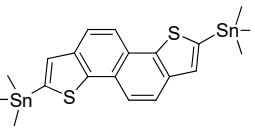
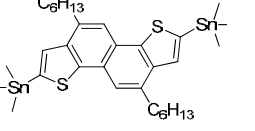
4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopent a[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene

CAT# IN1814

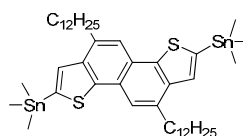


CAS# [1343457-63-5]
Formula $C_{64}H_{72}S_4$
FW 969.52

4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-dicarbaldehyde	
CAT# IN1824	
	CAS# [2127354-14-5] Formula C ₆₈ H ₇₂ O ₂ S ₄ FW 1025.54
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4',5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene	
CAT# IN1830	
	CAS# / Formula C ₆₈ H ₇₂ S ₆ FW 1081.69
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4',5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,8-bis(trimethyltin)	
CAT# IN1831	
	CAS# / Formula C ₇₄ H ₈₈ S ₆ Sn ₂ FW 1407.30
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4',5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,8-dicarboxaldehyde	
CAT# IN1832	
	CAS# / Formula C ₇₀ H ₇₂ O ₂ S ₆ FW 1137.71
4,4,9,9-Tetrakis(5-hexylthiophen-2-yl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde	
CAT# IN1812	
	CAS# / Formula C ₅₈ H ₆₆ O ₂ S ₆ FW 987.53

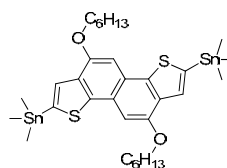
CAT# IN1853	
	CAS# / Formula C ₇₄ H ₇₆ O ₂ S ₄ FW 1125.65
4,5,10,11-Tetraoctyl-thieno[3,2-g]thieno[3',2':6,7][1]benzothieno[3,2-b][1]benzothiophene	
CAT# IN1858	
	CAS# / Formula C ₅₀ H ₇₂ S ₄ FW 801.37
4,5,10,11-Tetraoctyl-thieno[3,2-g]thieno[3',2':6,7][1]benzothieno[3,2-b][1]benzothiophene-2,8-bis(trimethylstannane)	
CAT# IN1857	
	CAS# / Formula C ₅₆ H ₈₈ S ₄ Sn ₂ FW 1126.98
Monomer-Naphthodithiophene Series	
Naphtho[1,2-b:5,6-b']dithiophene	
CAT# IN1522	
	CAS# [217-19-6] Formula C ₁₄ H ₆ S ₂ FW 240.34
2,7-Bis(trimethylstannyl)naphtho[1,2-b:5,6-b']dithiophene	
CAT# IN1523	
	CAS# [1218771-02-8] Formula C ₂₀ H ₂₄ S ₂ Sn ₂ FW 565.95
(5,10-Dihexylnaphtho[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)	
CAT# IN1524	
	CAS# / Formula C ₃₂ H ₄₈ S ₂ Sn ₂ FW 734.27

(5,10-Didodecyl)naphtho[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(trimethylstannane)
CAT# IN1525



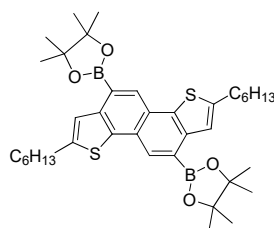
CAS# [1421337-72-5]
 Formula C₄₄H₇₂S₂Sn₂
 FW 902.59

(5,10-Bis(hexyloxy)naphtho[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(trimethylstannane)
IN1527



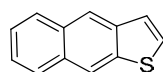
CAS# /
 Formula C₃₂H₄₈O₂S₂Sn₂
 FW 766.27

2,2'-(2,7-Dihexylnaphtho[1,2-*b*:5,6-*b'*]dithiophene-5,10-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)
IN1582



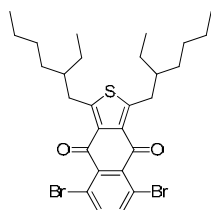
CAS# /
 Formula C₃₈H₅₄B₂O₄S₂
 FW 660.58

Naphtho[2,3-*b*]thiophene
IN1721



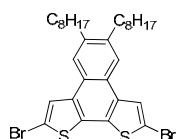
CAS# [268-77-9]
 Formula C₁₂H₈S
 FW 184.26

5,8-Dibromo-1,3-bis(2-ethylhexyl)naphtho[2,3-*c*]thiophene-4,9-dione
IN1752



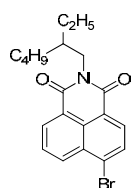
CAS# /
 Formula C₂₈H₃₆Br₂O₂S
 FW 596.46

2,9-Dibromo-5,6-dioctylnaphtho[2,1-*b*:3,4-*b'*]dithiophene
IN1725



CAS# [1040858-84-1]
 Formula C₃₀H₃₈Br₂S₂
 FW 622.56

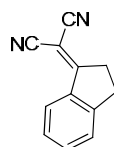
6-Bromo-2-(2-ethylhexyl)-1H-benzo[*de*]isoquinoline-1,3(2*H*)-dione
CAT# IN1267



CAS# [1193092-32-8]
 Formula C₂₀H₂₂BrNO₂
 FW 388.30

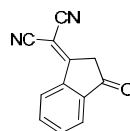
Monomer-Indanone-Cyano (IC) Series

2-(2,3-Dihydro-1*H*-inden-1-ylidene)malononitrile
CAT# OC1167



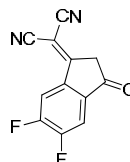
CAS# [2510-01-2]
 Formula C₁₂H₈N₂
 FW 180.21

3-(Dicyanomethylidene)indan-1-one
CAT# OC1168



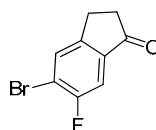
CAS# [1080-74-6]
 Formula C₁₂H₆N₂O
 FW 194.19

2-(5,6-Difluoro-3-oxo-2,3-dihydro-1*H*-inden-1-ylidene)malononitrile
CAT# OC1178



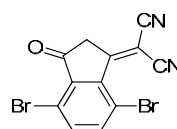
CAS# [2083617-82-5]
 Formula C₁₂H₄F₂N₂O
 FW 230.17

5-Bromo-6-fluoro-2,3-dihydro-1*H*-inden-1-one
CAT# OC1198



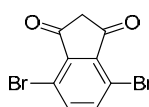
CAS# [866862-25-1]
 Formula C₉H₆BrFO
 FW 229.05

2-(4,7-Dibromo-3-oxo-2,3-dihydro-1*H*-inden-1-ylidene)malononitrile
CAT# OC1192

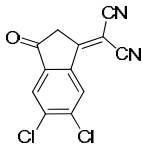
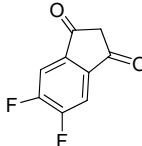
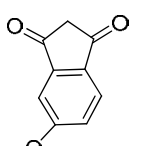
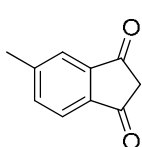
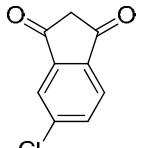
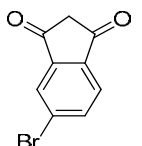
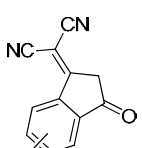


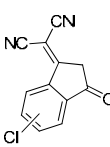
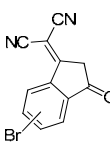
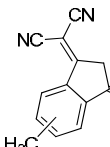
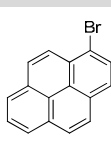
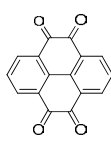
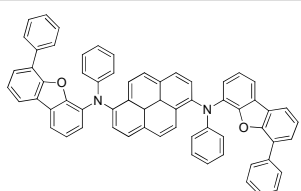
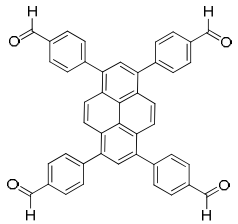
CAS# /
 Formula C₁₂H₄Br₂N₂O
 FW 351.98

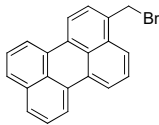
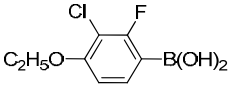

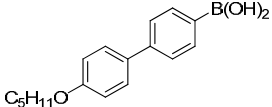
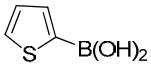
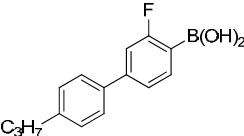
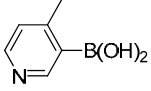
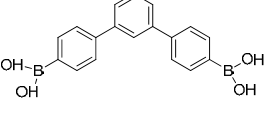
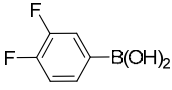
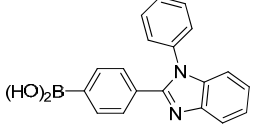
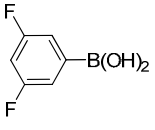
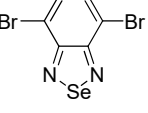
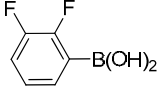
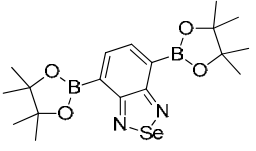
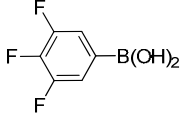
4,7-Dibromo-1*H*-indene-1,3(2*H*)-dione
CAT# OC1194

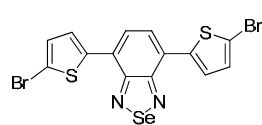
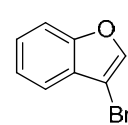
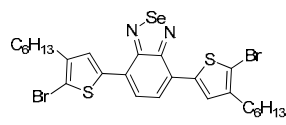
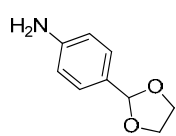
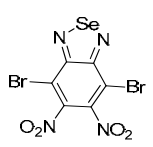
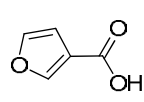
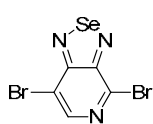
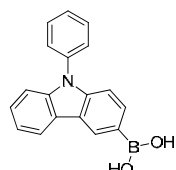
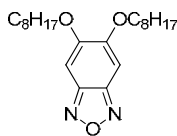
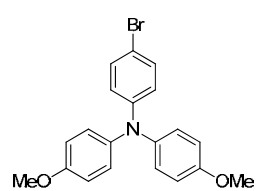
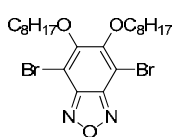
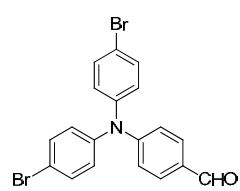
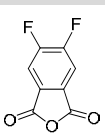
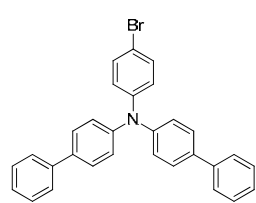
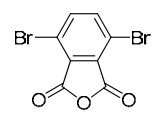


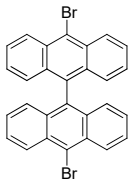
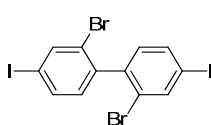
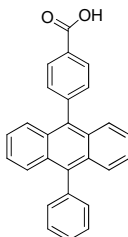
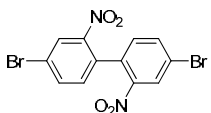
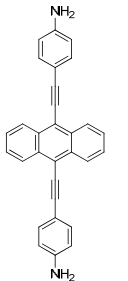
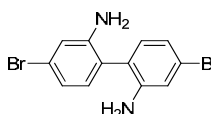
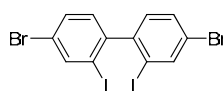
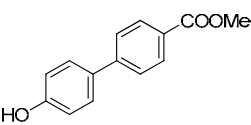
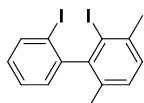
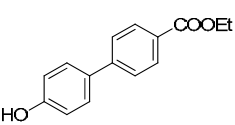
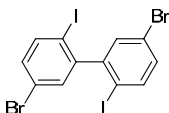
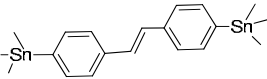
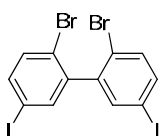
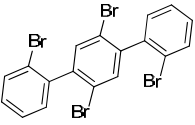
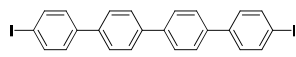
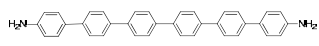
CAS# /
 Formula C₉H₄Br₂O₂
 FW 303.93

2-(5,6-Dichloro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1183		CAS# [2197167-50-1] Formula C ₁₂ H ₄ Cl ₂ N ₂ O FW 263.08
5,6-Difluoro-1H-indene-1,3(2H)-dione CAT# OC1189		CAS# [1454686-04-4] Formula C ₉ H ₄ F ₂ O ₂ FW 182.12
5-Methoxy-1H-indene-1,3(2H)-dione CAT# OC1191		CAS# [2047352-75-8] Formula C ₁₀ H ₈ O ₃ FW 176.17
5-Methyl-1H-indene-1,3(2H)-dione CAT# OC1146		CAS# [50919-77-2] Formula C ₁₀ H ₈ O ₂ FW 160.17
5-Chloro-1H-indene-1,3(2H)-dione CAT# OC1147		CAS# [22018-96-8] Formula C ₉ H ₅ ClO ₂ FW 180.59
5-Bromo-1,3-indandione CAT# OC1148		CAS# [27611-39-8] Formula C ₉ H ₅ BrO ₂ FW 225.04
2-((5)6-Fluoro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1179		CAS# [507484-54-0] Formula C ₁₃ H ₉ FN ₂ O FW 228.22

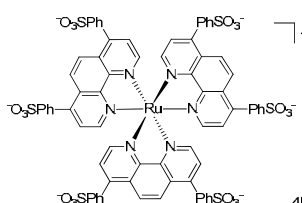
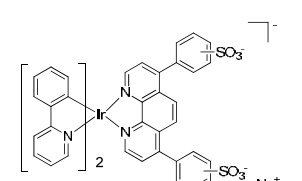
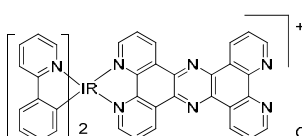
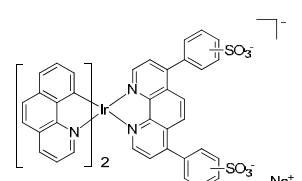
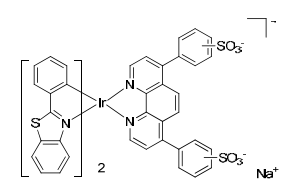
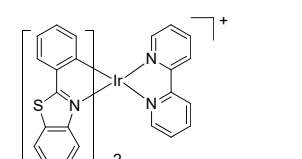
2-((5)6-Chlorine-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1184		CAS# [507484-47-1] Formula C ₁₂ H ₇ ClN ₂ O FW 228.63
2-((5)6-Bromo-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1177		CAS# [507484-47-1] Formula C ₁₂ H ₇ BrN ₂ O FW 300.03
2-((5)6-Methyl-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1176		CAS# [2047352-75-8] Formula C ₁₃ H ₉ N ₂ O FW 208.22
Monomer- Pyrene Series		
1-Bromopyrene CAT# IN1080		CAS# [1714-29-0] Formula C ₁₆ H ₉ Br FW 281.15
Pyrene-4,5,9,10-tetraone CAT# IN1670		CAS# [14727-71-0] Formula C ₁₆ H ₆ O ₄ FW 262.22
N¹,N⁶-diphenyl-N¹,N⁶-bis(6-phenyldibenzo[b,d]furan-4-yl)-3a¹,5a¹-dihydroropyrene-1,6-diamine CAT# IN1675		CAS# [1252914-65-0] Formula C ₆₄ H ₄₀ N ₂ O ₂ FW 871.03
4,4',4'',4'''-(Pyrene-1,3,6,8-tetrayl)tetrabenzaldehyde CAT# IN1674		CAS# [1415238-25-3] Formula C ₄₄ H ₂₆ O ₄ FW 618.67

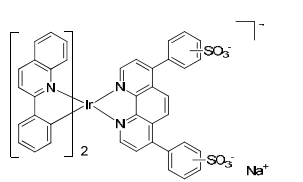
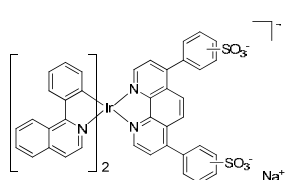
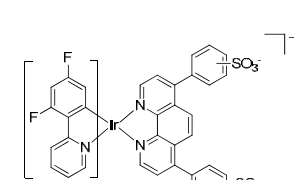
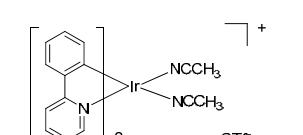
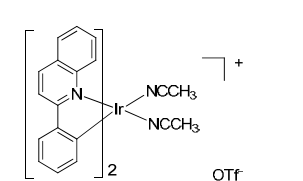
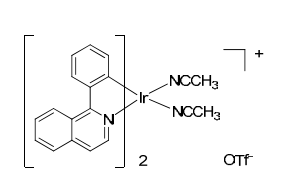
<p>1-Bromopyrene</p> <p style="text-align: right;">CAT# IN1081</p>  <p>CAS# Formula $C_{21}H_{13}Br$ FW 345.23</p>	<p>3-Chloro-4-ethoxy-2-fluorophenylboronic acid</p> <p style="text-align: right;">CAT# BA111</p>  <p>CAS# [909122-50-5] Formula $C_8H_9BClFO_3$ FW 218.42</p>
<p>3,9-Dibromopyrene</p> <p style="text-align: right;">CAT# IN1781</p>  <p>CAS# [56752-35-3] Formula $C_{20}H_{10}Br_2$ FW 410.10</p>	<p>4'-(Pentyloxy)biphenyl-4-ylboronic acid</p> <p style="text-align: right;">CAT# BA115</p>  <p>CAS# [158937-25-8] Formula $C_{17}H_{21}BO_3$ FW 284.16</p>
<p>Other Intermediates</p>	
<p>Thiophen-2-ylboronic acid</p> <p style="text-align: right;">CAT# BA025</p>  <p>CAS# [6165-68-0] Formula $C_4H_5BO_2S$ FW 127.96</p>	<p>3-Fluoro-4'-propylbiphenyl-4-ylboronic acid</p> <p style="text-align: right;">CAT# BA118</p>  <p>CAS# [909709-42-8] Formula $C_{15}H_{16}BFO_2$ FW 258.10</p>
<p>4-Methylpyridine-3-boronic acid</p> <p style="text-align: right;">CAT# BA030</p>  <p>CAS# [148546-82-1] Formula $C_6H_8BNO_2$ FW 136.94</p>	<p>[1,1':3',1''-Terphenyl]-4,4''-diyl diboronic acid</p> <p style="text-align: right;">CAT# BA120</p>  <p>CAS# / Formula $C_{18}H_{16}B_2O_4$ FW 317.94</p>
<p>3,4-Difluorophenylboronic acid</p> <p style="text-align: right;">CAT# BA105</p>  <p>CAS# [168267-41-2] Formula $C_6H_5BF_2O_2$ FW 157.91</p>	<p>4-(1-Phenyl-1H-benzo[d]imidazol-2-yl)phenylboronic acid</p> <p style="text-align: right;">CAT# BA122</p>  <p>CAS# [952514-79-3] Formula $C_{19}H_{15}BN_2O_2$ FW 314.15</p>
<p>3,5-Difluorophenylboronic acid</p> <p style="text-align: right;">CAT# BA106</p>  <p>CAS# [156545-07-2] Formula $C_6H_5BF_2O_2$ FW 157.91</p>	<p>4,7-Dibromo-2,1,3-benzoselenadiazole</p> <p style="text-align: right;">CAT# IN1030</p>  <p>CAS# [63224-42-0] Formula $C_6H_2Br_2N_2Se$ FW 340.86</p>
<p>2,3-Difluorophenylboronic acid</p> <p style="text-align: right;">CAT# BA107</p>  <p>CAS# [121219-16-7] Formula $C_6H_5BF_2O_2$ FW 157.91</p>	<p>4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]selenadiazole</p> <p style="text-align: right;">CAT# IN1801</p>  <p>CAS# Formula $C_{18}H_{26}B_2N_2O_4Se$ FW 434.99</p>
<p>3,4,5-Trifluorophenylboronic acid</p> <p style="text-align: right;">CAT# BA108</p>  <p>CAS# [143418-49-9] Formula $C_6H_4BF_3O_2$ FW 175.90</p>	

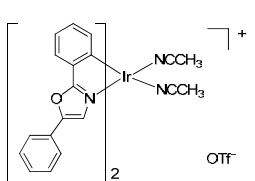
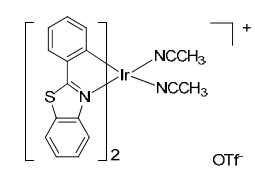
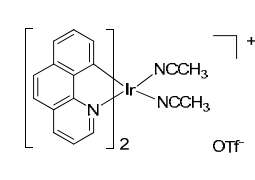
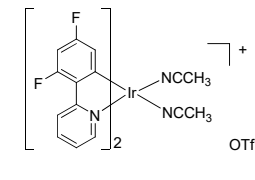
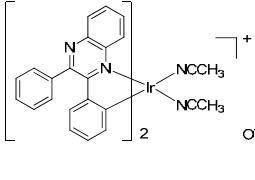
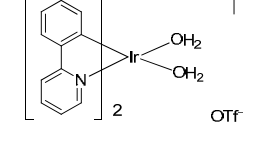
<p>4,7-Bis(5-bromothiophen-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1031</p>  <p>CAS# [534591-72-5] Formula C₁₄H₈Br₂N₂S₂Se FW 505.11</p>	<p>3-Bromobenzofuran CAT# IN1893</p>  <p>CAS# [59214-70-9] Formula C₈H₅BrO FW 197.03</p>
<p>4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1805</p>  <p>CAS# [1256447-82-1] Formula C₂₆H₃₀Br₂N₂S₂Se FW 673.43</p>	<p>4-(1,3-Dioxolan-2-yl)aniline CAT# OC1023</p>  <p>CAS# [19073-14-4] Formula C₉H₁₁NO₂ FW 165.19</p>
<p>4,7-Dibromo-5,6-dinitrobenzo[c][1,2,5]selenadiazole CAT# IN1809</p>  <p>CAS# [711026-22-1] Formula C₆Br₂N₄O₄Se FW 430.86</p>	<p>Furan-3-carboxylic acid CAT# OC1024</p>  <p>CAS# [110-62-3] Formula C₅H₄O₃ FW 112.08</p>
<p>4,7-Dibromo-[1,2,5]selenadiazolo[3,4-c]pyridine CAT# IN1802</p>  <p>CAS# [1 454601-12-7] Formula C₅HBr₂N₃Se FW 341.85</p>	<p>9-Phenyl-9H-carbazol-3-ylboronic acid CAT# IN1065</p>  <p>CAS# [854952-58-2] Formula C₁₈H₁₄BNO₂ FW 287.12</p>
<p>5,6-Bis(octyloxy)benzo[c][1,2,5]oxadiazole CAT# IN1042</p>  <p>CAS# [1314801-34-7] Formula C₂₂H₃₆N₂O₃ FW 376.53</p>	<p>4-Bromo-N,N-bis(4-methoxyphenyl)aniline CAT# IN1377</p>  <p>CAS# [1 94416-45-0] Formula C₂₀H₁₈BrNO₂ FW 384.27</p>
<p>4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-oxadiazole CAT# IN1043</p>  <p>CAS# [1314801-35-8] Formula C₂₂H₃₄Br₂N₂O₃ FW 534.32</p>	<p>4-[Bis-(4-bromophenyl)amino]benzaldehyde CAT# IN1044</p>  <p>CAS# [25069-38-9] Formula C₁₈H₁₃Br₂NO FW 431.12</p>
<p>5,6-Difluoroisobenzofuran-1,3-dione CAT# IN1421</p>  <p>CAS# [18959-30-3] Formula C₈H₂F₂O₃ FW 184.10</p>	<p>N-([1,1'-biphenyl]-4-yl)-N-(4-bromophenyl)-[1,1'-biphenyl]-4-amine CAT# IN1380</p>  <p>CAS# [1314801-35-8] Formula C₃₀H₂₂BrN FW 476.41</p>
<p>3,6-Dibromophthalicanhydride CAT# IN1423</p>  <p>CAS# [25834-16-6] Formula C₈H₂Br₂O₃ FW 305.91</p>	

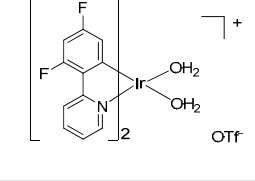
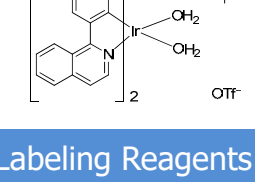
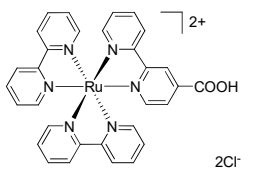
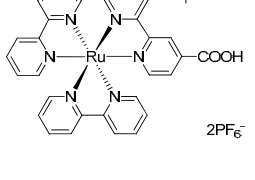
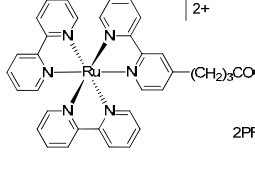
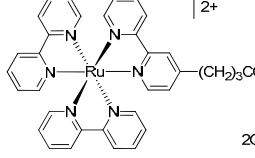
<p>10,10'-Dibromo-9,9'-bianthryl</p> <p style="text-align: right;">CAT# IN1082</p>  <p>CAS# [121848-75-7] Formula C₂₈H₁₆Br₂ FW 512.23</p>	<p>2,2'-Dibromo-4,4'-diiodobiphenyl</p> <p style="text-align: right;">CAT# IN1485</p>  <p>CAS# [852138-93-3] Formula C₁₂H₆Br₂I₂ FW 563.79</p>
<p>4-(10-Phenylantracene-9-yl)benzoic acid</p> <p style="text-align: right;">CAT# IN1282</p>  <p>CAS# [1877285-47-6] Formula C₂₇H₁₈O₂ FW 374.43</p>	<p>4,4'-Dibromo-2,2'-dinitrobiphenyl</p> <p style="text-align: right;">CAT# IN1486</p>  <p>CAS# [91371-12-9] Formula C₁₂H₆Br₂N₂O₄ FW 1345.98</p>
<p>4,4'-(Anthracene-9,10-diylbis(ethyne-2,1-diyl))dianiline AABA</p> <p style="text-align: right;">CAT# IN1862</p>  <p>CAS# [1186580-77-7] Formula C₃₀H₂₀N₂ FW 408.49</p>	<p>4,4'-Dibromobiphenyl-2,2'-diamine</p> <p style="text-align: right;">CAT# IN1487</p>  <p>CAS# [136630-36-9] Formula C₁₂H₁₀Br₂N₂ FW 342.03</p>
<p>4,4'-Dibromo-2,2'-diiodobiphenyl</p> <p style="text-align: right;">CAT# IN1083</p>  <p>CAS# [852138-89-7] Formula C₁₂H₆Br₂I₂ FW 563.79</p>	<p>Methyl 4'-hydroxybiphenyl-4-carboxylate</p> <p style="text-align: right;">CAT# IN1084</p>  <p>CAS# [40501-41-5] Formula C₁₄H₁₂O₃ FW 228.24</p>
<p>2,2'-Diiodo-3,6-dimethyl-1,1'-biphenyl</p> <p style="text-align: right;">CAT# IN1077</p>  <p>CAS# [1186580-77-7] Formula C₁₄H₁₂I₂ FW 434.05</p>	<p>Ethyl 4'-hydroxybiphenyl-4-carboxylate</p> <p style="text-align: right;">CAT# IN1086</p>  <p>CAS# [50670-76-3] Formula C₁₅H₁₄O₃ FW 242.27</p>
<p>5,5'-Dibromo-2,2'-diiodobiphenyl</p> <p style="text-align: right;">CAT# IN1483</p>  <p>CAS# [873792-52-0] Formula C₁₂H₆Br₂I₂ FW 563.79</p>	<p>(E)-1,2-bis(4-(trimethylstannyl)phenyl)ethene</p> <p style="text-align: right;">CAT# IN1449</p>  <p>CAS# [1186580-77-7] Formula C₂₀H₂₈Sn₂ FW 505.86</p>
<p>2,2'-Dibromo-5,5'-diiodobiphenyl</p> <p style="text-align: right;">CAT# IN1484</p>  <p>CAS# [852139-02-7] Formula C₁₂H₆Br₂I₂ FW 563.79</p>	<p>2,2',2'',5'-Tetrabromo-1,1':4',1''-terphenyl</p> <p style="text-align: right;">CAT# IN1715</p>  <p>CAS# [912922-58-8] Formula C₁₈H₁₀Br₄ FW 545.89</p>
	<p>4,4''-Diiodo-[1,1';4',1'';4'',1''']quaterphenyl</p> <p style="text-align: right;">CAT# IN1088</p>  <p>CAS# [1770-82-7] Formula C₂₄H₁₆I₂ FW 558.19</p>
	<p>[1,1':4',1'':4'',1''':4''':4'''';1''''':4''''']-Sexiphenyl]-4,4''''-diamine</p> <p style="text-align: right;">CAT# IN1688</p>  <p>CAS# [77496-07-2] Formula C₃₆H₂₆N₂ FW 488.62</p>

1-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)-1H-pyrrole-2,5-dione		CAT# IN1687	
	CAS#		
	Formula	C ₄₁ H ₂₉ N ₃ O ₂	
	FW	595.69	
3-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)pentane-2,4-dione		CAT# IN1689	
	CAS#		
	Formula	C ₄₂ H ₃₄ N ₂ O ₂	
	FW	598.73	

Protein Staining Agents	
Tris(bathophenanthroline disulfonate)ruthenium(II) tetrasodium salt	
RuBPS	CAT# RU092092092Na
	CAS# [301206-84-8] Formula $C_{72}H_{42}O_{18}S_8Na_4Ru$ FW 1664.55
Bis(2-phenylpyridine-C^2,M)(bathophenanthrolinedisulfonate) iridium(III)	
Ir(ppy)₂BPS	CAT# IR601601092Na
	CAS# Formula: $C_{46}H_{30}N_4O_6S_2NaIr$ FW: 1014.11
Bis(2-phenylpyridine-C^2,M)(tetrapyrido[3,2-a:2',3'-c:3'',2''-h:2''',3'''-j]phenazine) iridium(III)chloride	
	CAT# IR601601112Cl
	CAS# Formula: $C_{46}H_{26}ClIrN_8$ FW: 920.44
Bis(benzo[h]quinoline-C^2,M)(bathophenanthrolinedisulfonate) iridium(III)	
Ir(bzq)₂BPS	CAT# IR621621092Na
	CAS# Formula: $C_{50}H_{30}N_4O_6S_2NaIr$ FW: 1062.14
Bis(2-phenylbenzothiazole-C^2,M)(bathophenanthrolinedisulfonate) iridium(III)	
Ir(bt)₂BPS	CAT# IR625625092Na
	CAS# Formula: $C_{50}H_{30}N_4O_6S_4NaIr$ FW: 1126.26
Ir(bt)2BIPY	CAT# IR625625001Cl
	CAS# / Formula: $C_{26}H_{23}ClIrN_3S$ FW: 637.22

Bis(2-phenylquinoline-C^2,M)(bathophenanthrolinedisulfonate) iridium(III)	
Ir(2-phq)₂BPS	CAT# IR618618092Na
	CAS# Formula: $C_{54}H_{34}N_4O_6S_2NaIr$ FW: 1114.22
Bis(1-phenylisoquinoline-C^2,M)(bathophenanthrolinedisulfonate) iridium(III)	
Ir(piq)₂BPS	CAT# IR617617092Na
	CAS# Formula: $C_{54}H_{34}O_6S_2N_4NaIr$ FW: 1114.22
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C^2,M)(bathophenanthroline-disulfonate)iridium(III)	
Ir(f-ppy)₂BPS	CAT# IR604604092Na
	CAS# Formula: $C_{46}H_{26}O_6S_2N_4F_4NaIr$ FW: 1086.16
Bis(2-phenylpyridine-C^2,M)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate	
Ir(ppy)₂MECN	CAT# IR601601MECN
	CAS# Formula: $C_{27}H_{22}O_3SN_4F_3Ir$ FW: 731.77
Bis(2-phenylquinoline-C^2,M)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate	
Ir(2-phq)₂MECN	CAT# IR618618MECN
	CAS# Formula: $C_{35}H_{26}O_3SN_4F_3Ir$ FW: 831.88
Bis(1-phenylisoquinoline-C^2,M)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate	
Ir(piq)₂MECN	CAT# IR617617MECN
	CAS# Formula: $C_{35}H_{26}O_3SN_4F_3Ir$ FW: 831.88

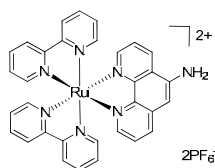
Bis(2,5-diphenyloxazole-<i>C</i>²,<i>N</i>)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate Ir(dpo)₂MECN CAT# IR624624MECN	
	CAS# Formula $C_{35}H_{26}O_5SN_4F_3Ir$ FW 863.88
Bis(2-phenylbenzothiazole-<i>C</i>²,<i>N</i>)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate Ir(bt)₂MECN CAT# IR625625MECN	
	CAS# Formula $C_{31}H_{22}O_3S_3N_4F_3Ir$ FW 843.94
Bis(2-benzo[<i>h</i>]quinoline-<i>C</i>²,<i>N</i>)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate Ir(bzq)₂MECN CAT# IR621621MECN	
	CAS# Formula $C_{31}H_{22}O_3SN_4F_3Ir$ FW 779.81
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-<i>C</i>²,<i>N</i>)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate Ir(f-ppy)₂MECN CAT# IR604604MECN	
	CAS# Formula: $C_{27}H_{18}N_4O_3SF_3Ir$ FW: 803.73
Bis(2,3-diphenylquinoxaline-<i>C</i>²,<i>N</i>)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate Ir(dpq)₂MECN CAT# IR628628MECN	
	CAS# Formula: $C_{45}H_{32}N_6O_3SF_3Ir$ FW: 986.07
Bis(2-phenylpyridine-<i>C</i>²,<i>N</i>)-bis(aquo)iridium(III) trifluoromethanesulfonate CAT# IR601601H2O	
	CAS# Formula: $C_{23}H_{20}N_2O_5SF_3Ir$ FW: 685.65

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-<i>C</i>²,<i>N</i>)-bis(aquo)iridium(III) trifluoromethanesulfonate CAT# IR604604H2O	
	CAS# Formula: $C_{23}H_{16}N_2O_5SF_7Ir$ FW: 757.65
Bis(1-phenylisoquinoline-<i>C</i>²,<i>N</i>)-bis(aquo)iridium(III) trifluoromethanesulfonate CAT# IR617617H2O	
	CAS# Formula: $C_{31}H_{24}N_2O_5SF_3Ir$ FW: 785.81
Labeling Reagents	
Ru Complexes	
Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) dichloride CAT# RU401001001Cl	
	CAS# Formula $C_{31}H_{24}O_2N_6Cl_2Ru$ FW 684.55
Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate CAT# RU401001001PF6	
	CAS# Formula $C_{31}H_{24}O_2F_{12}N_6P_2Ru$ FW 903.56
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate Ru(bpy)₂(mcbpy)²⁺ CAT# RU402001001PF6	
	CAS# Formula $C_{35}H_{32}O_2F_{12}N_6P_2Ru$ FW 959.67
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) dichloride Ru(bpy)₂(mcbpy)²⁺ CAT# RU402001001Cl	
	CAS# Formula $C_{35}H_{32}O_2Cl_2N_6Ru$ FW

Bis(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)(dipyrido[3,2-a:2',3'-c]phenazine)ruthenium(II) dichloride		CAT# RU402402460Cl	
	CAS# [1800337-15-8] Formula $C_{48}H_{42}Cl_2N_8O_4Ru$ FW 966.87		
Bis(2,2'-bipyridyl)(5,5'-Di-p-benzoic acid-[2,2']bipyridinyl)ruthenium(II) dichloride		CAT# RU430001001Cl	
	CAS# [1666941-77-0] Formula $C_{44}H_{32}Cl_2RuN_8O_4$ FW 880.74		
Bis(bathophenanthroline disulfonate)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) disodium salt		CAT# RU402092092Na	
	CAS# Formula $C_{63}H_{44}O_{14}S_4N_6Na_2Ru$ FW 1384.36		
Bis(bathophenanthroline disulfonate)[5-(1,10-phenanthroline-5-yl amino)-5-oxopentanoic acid] ruthenium(II) disodium salt		CAT# RU422092092Na	
	CAS# Formula $C_{68}H_{43}O_{15}S_4N_7Na_2Ru$ FW 1437.38		
Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) hexafluorophosphate		CAT# RU403001001PF6	
	CAS# Formula $C_{34}H_{30}O_2N_6F_{12}P_2Ru$ FW 945.64		

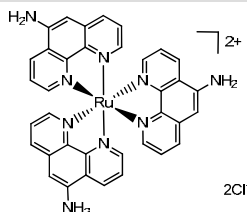
Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) dichloride		CAT# RU403001001Cl	
	CAS# Formula $C_{34}H_{30}O_2N_6Cl_2Ru$ FW 726.62		
Bis(bathophenanthroline disulfonate)(4-carboxypropyl-2,2'-bipyridyl) ruthenium(II) disodium salt		CAT# RU403092092Na	
	CAS# Formula $C_{62}H_{42}O_{14}S_4N_6Na_2Ru$ FW 1370.34		
Bis(bathophenanthroline disulfonate)(4-carboxy-1,10-phenanthroline) ruthenium(II) disodium salt		CAT# RU408092092Na	
	CAS# Formula $C_{61}H_{36}O_{14}S_4N_6Na_2Ru$ FW 1352.28		
Bis([1,10-phenanthroline)(4,5,9,14-tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride Ru(phen)2dppz		CAT# RU46068068Cl	
	CAS# / Formula $C_{42}N_8H_{26}RuCl_2$ FW		
Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) dichloride		CAT# RU082001001Cl	
	CAS# Formula $C_{32}H_{25}N_7Cl_2Ru$ FW 679.56		

Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) bishexafluorophosphate
CAT# RU082001001PF6



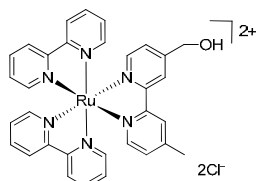
CAS#
 Formula $C_{32}H_{25}N_7P_2F_{12}Ru$
 FW 898.58

Tris(5-amino-1,10-phenanthroline) ruthenium(II) dichloride
CAT# RU082082082Cl



CAS#
 Formula $C_{39}H_{35}Cl_2N_9Ru$
 FW 801.73

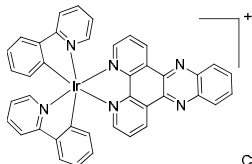
Bis(2,2'-bipyridyl)(4'-methyl-2,2'-bipyridin-4-yl)methanol ruthenium(II) dichloride
CAT# RU520001001Cl



CAS#
 Formula $C_{32}H_{28}N_6ORuCl_2$
 FW 684.1

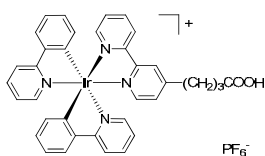
Ir Complexes

Bis(2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)iridium(III) dichloride
CAT# IR601601111Cl



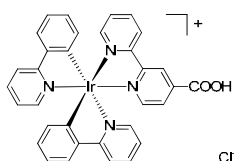
CAS#
 Formula $C_{43}H_{33}ClIrN_6$
 FW 861.43

Bis(2-phenylpyridine-C²,N)(4-carboxy propyl-2,2'-bipyridyl) iridium(III) hexafluorophosphate
CAT# IR403601601PF6



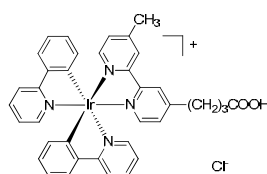
CAS#
 Formula $C_{36}H_{30}O_2F_6N_4PIr$
 FW 887.85

Bis(2-phenylpyridine-C²,N)(4-carboxyl-2,2'-bipyridine)iridium(III) chloride
CAT# IR401601601Cl



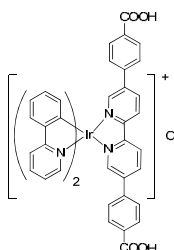
CAS# /
 Formula $C_{33}H_{24}IrO_2N_4$
 FW 700.00

Bis(2-phenylpyridine-C²,M)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) iridium(III) chloride
CAT# IR402601601Cl



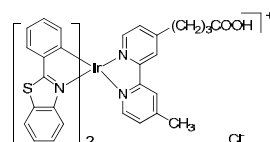
CAS#
 Formula $C_{37}H_{32}O_2N_4ClIr$
 FW 792.35
 λ_{em} 583 nm (acetonitrile)

Bis(2-phenylpyridine-C²,M)(5,5'-di-p-benzoic acid-[2,2']bipyridinyl) iridium(III) chloride
CAT# IR430601601Cl



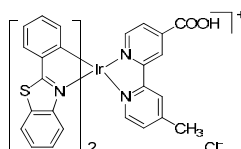
CAS#
 Formula $C_{46}H_{32}ClN_4O_4Ir$
 FW 932.44

Bis(2-phenylbenzothiazole-C²,M)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride
CAT# IR402625625Cl



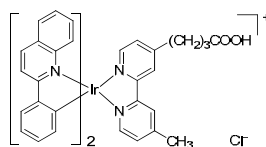
CAS#
 Formula $C_{41}H_{32}O_2N_4S_2ClIr$
 FW 904.52

Bis(2-phenylbenzothiazole-C²,M)(4-methyl-4'-carboxy-2,2'-bipyridyl) iridium(III) chloride
CAT# IR406625625Cl



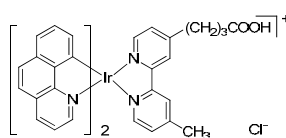
CAS#
 Formula $C_{38}H_{26}O_2N_4S_2ClIr$
 FW 862.44
 λ_{em} 529 nm (acetonitrile)
 565 nm (acetonitrile)

Bis(2-phenylquinoline-C²,M)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) iridium(III) chloride
CAT# IR402618618Cl



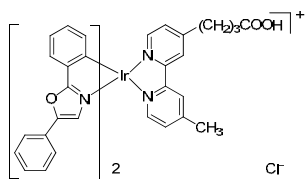
CAS#
 Formula $C_{45}H_{36}O_2N_4ClIr$
 FW 892.48

Bis(2-benzo[h]quinoline-C²,M)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride
CAT# IR402621621Cl



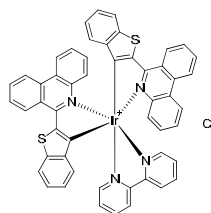
CAS#
 Formula $C_{41}H_{32}N_4O_2ClIr$
 FW 840.39

Bis(2,5-diphenyloxazole-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride
CAT# IR402624624Cl



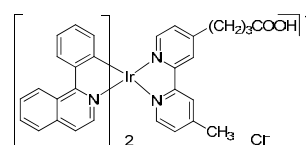
CAS#
 Formula C₄₅H₃₆N₄O₄ClIr
 FW 924.46

CAT# IR001660660Cl



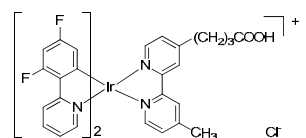
CAS# /
 Formula C₅₂H₃₂ClIrN₄S₂
 FW 1004.64

Bis(1-phenylisoquinoline)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride
CAT# IR402617617Cl



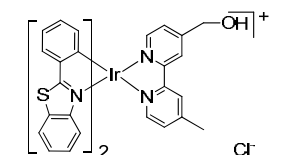
CAS#
 Formula C₄₅H₃₆N₄O₂ClIr
 FW 892.46
 λ_{em} 593 nm (methanol)

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride
CAT# IR402604604Cl



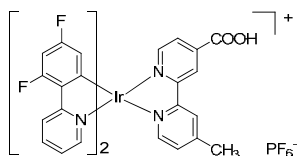
CAS# /
 Formula C₃₇H₂₈N₄O₂F₄ClIr
 FW 864.31
 λ_{em} 525 nm (acetonitrile)

Bis(2-phenylbenzothiazole-C²,N)(4'-methyl-2,2'-bipyridin-4-yl) methanol)iridium(III) chloride
CAT# IR520625625Cl



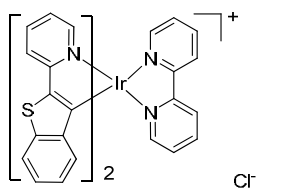
CAS#
 Formula C₃₈H₂₈N₄S₂OClIr
 FW 848.10

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(4-methyl-4'-carboxy-2,2'-bipyridyl)iridium(III) chloride
CAT# IR406604604PF6

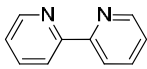
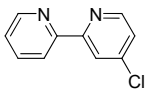
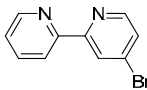
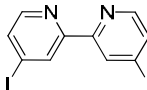
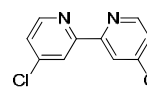
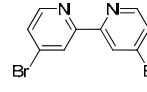
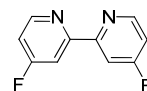
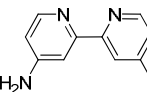


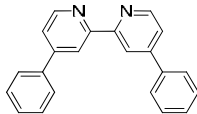
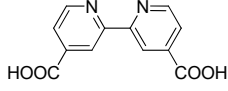
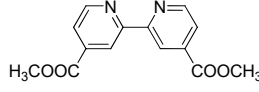
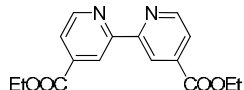
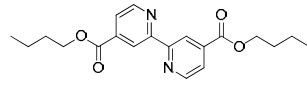
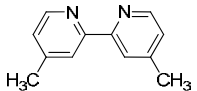
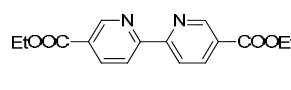
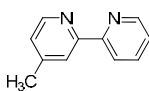
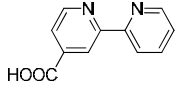
CAS#
 Formula C₃₄H₂₂F₁₀IrN₄O₂P
 FW 931.74

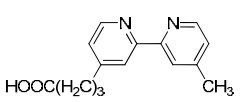
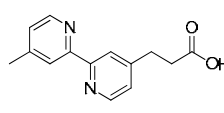
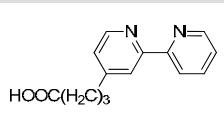
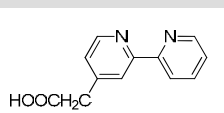
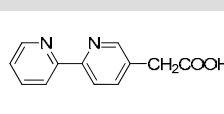
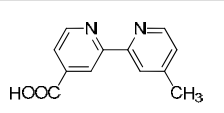
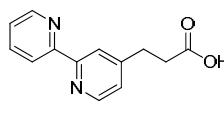
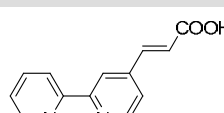
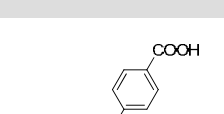
Bis(2-(benzo[b]thiophen-2-yl)pyridyl-C²,N)(2,2'-bipyridyl)iridium(III) chloride
CAT# IR629629001Cl

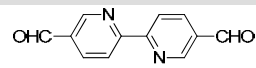
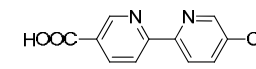
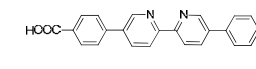
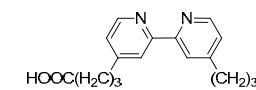
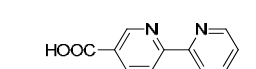
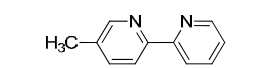
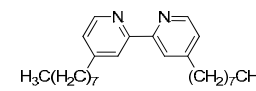
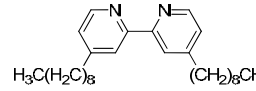
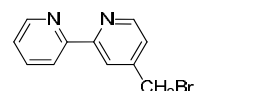


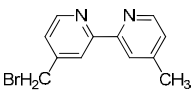
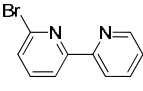
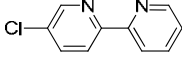
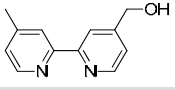
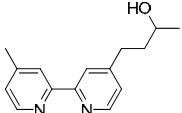
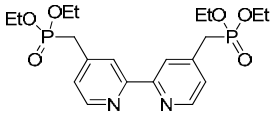
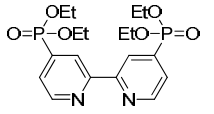
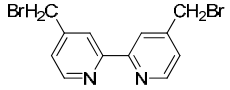
CAS# [1250262-19-1]
 Formula C₃₆H₂₄ClIrN₄S₂
 FW 804.40

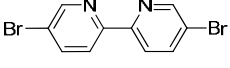
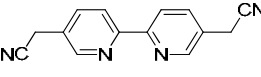
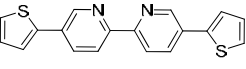
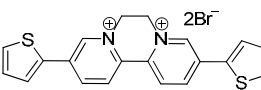
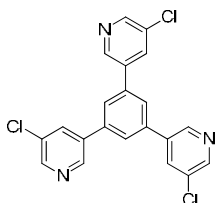
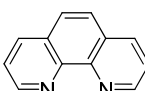
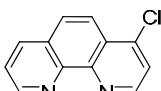
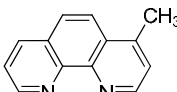
N ^N Diimine Ligands		
2,2'-Bipyridine		
CAT# BIPY001		
	CAS#	[366-18-7]
	Formula	C ₁₀ H ₈ N ₂
	FW	156.18
4-Chloro-2,2'-bipyridine		
CAT# BIPY002		
	CAS#	[14162-94-8]
	Formula	C ₁₀ H ₇ ClN ₂
	FW	190.63
4-Bromo-2,2'-bipyridine		
CAT# BIPY003		
	CAS#	[14162-95-9]
	Formula	C ₁₀ H ₇ BrN ₂
	FW	235.08
4,4'-Diiodo-2,2'-bipyridine		
CAT# BIPY015		
	CAS#	[831225-81-1]
	Formula	C ₁₀ H ₆ I ₂ N ₂
	FW	407.98
4,4'-Dichloro-2,2'-bipyridine		
CAT# BIPY016		
	CAS#	[1762-41-0]
	Formula	C ₁₀ H ₆ Cl ₂ N ₂
	FW	225.07
4,4'-Dibromo-2,2'-bipyridine		
CAT# BIPY017		
	CAS#	[18511-71-2]
	Formula	C ₁₀ H ₆ Br ₂ N ₂
	FW	313.98
4,4'-Difluoro-2,2'-bipyridine		
CAT# BIPY018		
	CAS#	
	Formula	C ₁₀ H ₆ F ₂ N ₂
	FW	192.16
2,2'-Bipyridine -4,4'-diamine		
CAT# BIPY019		
	CAS#	[18511-69-8]
	Formula	C ₁₀ H ₁₀ N ₄
	FW	186.21

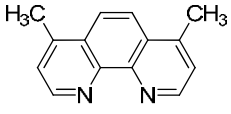
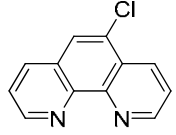
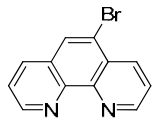
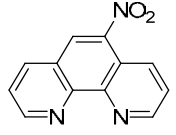
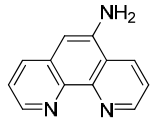
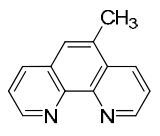
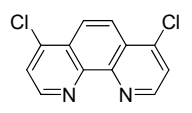
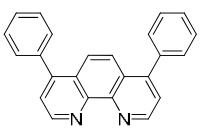
4,4'-Diphenyl-2,2'-bipyridine		
CAT# BIPY026		
	CAS#	[6153-92-0]
	Formula	C ₂₂ H ₁₆ N ₂
	FW	308.38
4,4'-Dicarboxy-2,2'-bipyridine		
CAT# BIPY029		
	CAS#	[6813-38-3]
	Formula	C ₁₂ H ₈ N ₂ O ₄
	FW	244.21
4,4'-Bis(methoxycarbonyl)-2,2'-bipyridine		
CAT# BIPY034		
	CAS#	[71071-46-0]
	Formula	C ₁₄ H ₁₂ N ₂ O ₄
	FW	272.26
4,4'-Bis(ethoxycarbonyl)-2,2'-bipyridine		
CAT# BIPY037		
	CAS#	[1762-42-1]
	Formula	C ₁₆ H ₁₆ N ₂ O ₄
	FW	300.31
Dibutyl [2,2'-bipyridine]-4,4'-dicarboxylate		
CAT# BIPY039		
	CAS#	[69641-93-6]
	Formula	C ₂₀ H ₂₄ N ₂ O ₄
	FW	356.42
4,4'-Dimethyl-2,2'-bipyridine		
CAT# BIPY050		
	CAS#	[1134-35-6]
	Formula	C ₁₂ H ₁₂ N ₂
	FW	184.24
5,5'-Bis(ethoxycarbonyl)-2,2'-bipyridine		
CAT# BIPY051		
	CAS#	[1762-46-5]
	Formula	C ₁₆ H ₁₆ N ₂ O ₄
	FW	300.31
4-Methyl-2,2'-bipyridine		
CAT# BIPY400		
	CAS#	[56100-19-7]
	Formula	C ₁₁ H ₁₀ N ₂
	FW	170.21
4-Carboxy-2,2'-bipyridine		
CAT# BIPY401		
	CAS#	[1748-89-6]
	Formula	C ₁₁ H ₈ N ₂ O ₂
	FW	200.19

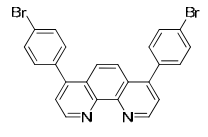
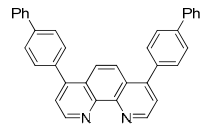
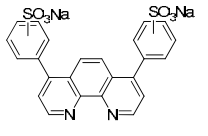
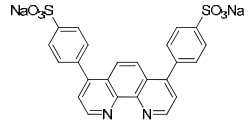
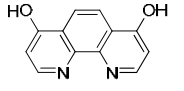
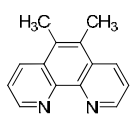
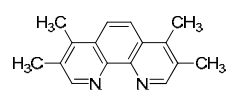
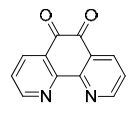
4-Methyl-4'-(3-carboxypropyl)-2,2'-bipyridine		CAT# BIPY402	
	CAS# Formula FW	[114527-28-5] C ₁₅ H ₁₆ N ₂ O ₂ 256.30	
3-(4'-Methyl-[2,2'-bipyridin]-4-yl)propanoic acid		CAT# BIPY412	
	CAS# Formula FW	 C ₁₄ H ₁₄ N ₂ O ₂ 242.27	
4-(3-Carboxypropyl)-2,2'-bipyridine		CAT# BIPY403	
	CAS# Formula FW	 C ₁₄ H ₁₄ N ₂ O ₂ 242.27	
2,2'-Bipyridine-4-acetic acid		CAT# BIPY404	
	CAS# Formula FW	 C ₁₂ H ₁₀ N ₂ O ₂ 214.22	
2,2'-Bipyridine-5-acetic acid		CAT# BIPY405	
	CAS# Formula FW	[917874-25-0] C ₁₂ H ₁₀ N ₂ O ₂ 214.22	
4-Methyl-4'-carboxy-2,2'-bipyridine		CAT# BIPY406	
	CAS# Formula FW	[103946-54-9] C ₁₂ H ₁₀ N ₂ O ₂ 214.22	
3-([2,2'-Bipyridin]-4-yl)propanoic acid		CAT# BIPY413	
	CAS# Formula FW	 C ₁₃ H ₁₂ N ₂ O ₂ 228.25	
(E)-3-([2,2'-Bipyridin]-4-yl)acrylic acid		CAT# BIPY415	
	CAS# Formula FW	 C ₁₃ H ₁₀ N ₂ O ₂ 226.23	
4-([2,2'-Bipyridin]-4-yl)benzoic acid		CAT# BIPY420	
	CAS# Formula FW	 C ₁₇ H ₁₂ N ₂ O ₂ 276.29	

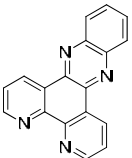
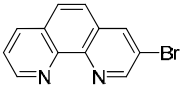
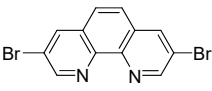
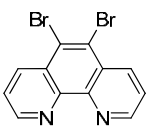
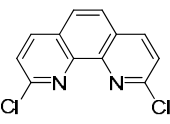
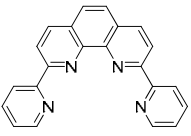
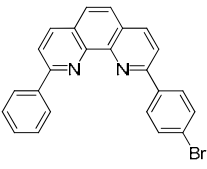
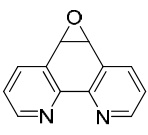
[2,2'-Bipyridine]-5,5'-dicarbaldehyde		CAT# BIPY428	
	CAS# Formula FW	[135822-72-9] C ₁₂ H ₈ N ₂ O ₂ 212.20	
2,2'-Bipyridine-5,5'-dicarboxylic acid		CAT# BIPY429	
	CAS# Formula FW	[1802-30-8] C ₁₂ H ₈ N ₂ O ₄ 244.20	
4,4'-([2,2'-Bipyridine]-5,5'-diyl)dibenzoic acid		CAT# BIPY430	
	CAS# Formula FW	 C ₂₄ H ₁₆ N ₂ O ₄ 396.39	
2,2'-Bipyridine-4,4'-dibutanoic acid		CAT# BIPY442	
	CAS# Formula FW	[447450-80-8] C ₁₈ H ₂₀ N ₂ O ₄ 328.36	
5-Carboxy-2,2'-bipyridine		CAT# BIPY443	
	CAS# Formula FW	[1970-80-5] C ₁₁ H ₈ N ₂ O ₂ 200.19	
5-Methyl-2,2'-bipyridine		CAT# BIPY444	
	CAS# Formula FW	[56100-20-0] C ₁₁ H ₁₀ N ₂ 170.21	
4,4'-Dioctyl-2,2'-bipyridine		CAT# BIPY515	
	CAS# Formula FW	[71879-24-8] C ₂₆ H ₄₀ N ₂ 380.61	
4,4'-Dinonyl-2,2'-bipyridine		CAT# BIPY516	
	CAS# Formula FW	[142646-58-0] C ₂₈ H ₄₄ N ₂ 408.66	
4-(Bromomethyl)-2,2'-bipyridine		CAT# BIPY513	
	CAS# Formula FW	 C ₁₁ H ₈ BrN ₂ 249.11	

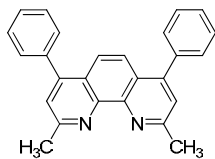
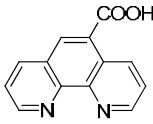
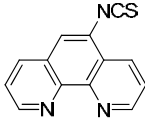
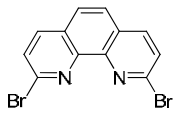
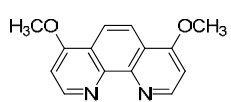
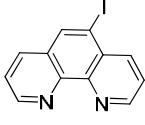
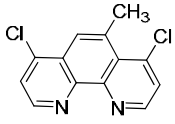
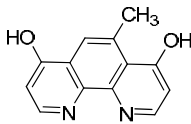
4-Bromomethyl-4'-methyl-2,2'-bipyridine		CAT# BIPY517	
	CAS#	[81998-05-2]	
	Formula	C ₁₂ H ₁₁ BrN ₂	
	FW	263.13	
6-Bromo-2,2'-bipyridine		CAT# BIPY518	
	CAS#	[10495-73-5]	
	Formula	C ₁₀ H ₇ BrN ₂	
	FW	235.08	
5-Chloro-2,2'-bipyridine		CAT# BIPY519	
	CAS#	[162612-08-0]	
	Formula	C ₁₀ H ₇ ClN ₂	
	FW	190.63	
(4'-Methyl-2,2'-bipyridin-4-yl)methanol		CAT# BIPY520	
	CAS#	[81998-04-1]	
	Formula	C ₁₂ H ₁₂ N ₂ O	
	FW	200.24	
4-(4'-Methyl-2,2'-bipyridin-4-yl)butan-2-ol		CAT# BIPY521	
	CAS#	[870078-13-0]	
	Formula	C ₁₅ H ₁₈ N ₂ O	
	FW	242.32	
Tetraethyl [2,2'-bipyridine]-4,4'-diylbis(methylene)diphosphonate		CAT# BIPY525	
	CAS#	[176220-38-5]	
	Formula	C ₂₀ H ₃₀ N ₂ O ₆ P ₂	
	FW	456.41	
Tetraethyl [2,2'-bipyridine]-4,4'-diylidiphosphonate		CAT# BIPY526	
	CAS#	[174397-53-6]	
	Formula	C ₁₈ H ₂₆ N ₂ O ₆ P ₂	
	FW	428.36	
4,4'-Bis(bromomethyl)-2,2'-bipyridine		CAT# BIPY527	
	CAS#	[134457-14-0]	
	Formula	C ₁₂ H ₁₀ Br ₂ N ₂	
	FW	342.03	

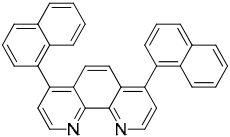
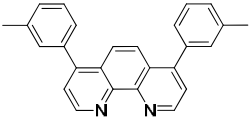
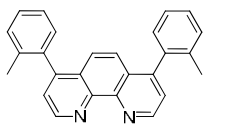
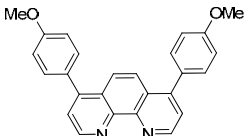
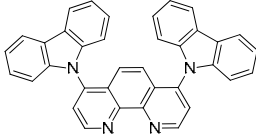
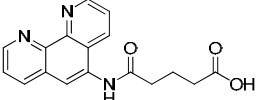
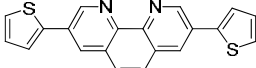
5,5'-Dibromo-2,2'-bipyridine		CAT# BIPY528	
	CAS#	[15862-18-7]	
	Formula	C ₁₀ H ₆ Br ₂ N ₂	
	FW	313.98	
2,2'-([2,2'-Bipyridine]-5,5'-diyl)diacetonitrile		CAT# BIPY531	
	CAS#	[286380-59-4]	
	Formula	C ₁₄ H ₁₀ N ₄	
	FW	234.26	
5,5'-(Dithiophen-2-yl)-2,2'-bipyridine		CAT# BIPY529	
	CAS#	[182631-76-1]	
	Formula	C ₁₈ H ₁₂ N ₂ S ₂	
	FW	320.43	
3,10-Di(thiophen-2-yl)-6,7-dihydrodipyrido[1,2-a:2',1'-c]pyrazine-5,8-diiumbromide		CAT# BIPY530	
	CAS#		
	Formula	C ₂₀ H ₁₆ N ₂ S ₂ Br ₂	
	FW	508.29	
1,3,5-Tris(5-chloropyridin-3-yl)benzene		CAT# BIPY605	
	CAS#	[2095298-29-4]	
	Formula	C ₂₁ H ₁₂ Cl ₃ N ₃	
	FW	412.70	
1,10-Phenanthroline		CAT# PHEN068	
	CAS#	[66-71-7]	
	Formula	C ₁₂ H ₈ N ₂	
	FW	180.21	
4-Chloro-1,10-phenanthroline		CAT# PHEN072	
	CAS#	[1891-14-1]	
	Formula	C ₁₂ H ₇ ClN ₂	
	FW	214.65	
4-Methyl-1,10-phenanthroline		CAT# PHEN073	
	CAS#	[31301-28-7]	
	Formula	C ₁₃ H ₁₀ N ₂	
	FW	194.23	

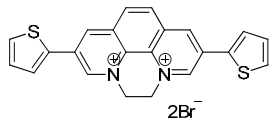
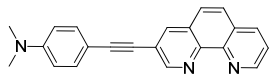
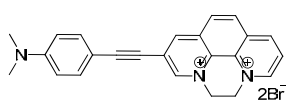
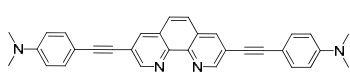
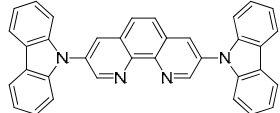
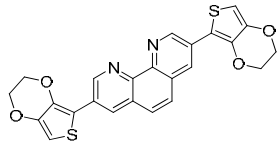
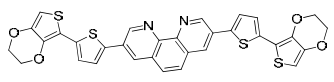
4,7-Dimethyl-1,10-phenanthroline		CAT# PHEN074	
	CAS#	[3248-05-3]	
	Formula	C ₁₄ H ₁₂ N ₂	
	FW	208.26	
5-Chloro-1,10-phenanthroline		CAT# PHEN079	
	CAS#	[4199-89-7]	
	Formula	C ₁₂ H ₇ ClN ₂	
	FW	214.65	
5-Bromo-1,10-phenanthroline		CAT# PHEN080	
	CAS#	[40000-20-2]	
	Formula	C ₁₂ H ₇ BrN ₂	
	FW	259.10	
5-Nitro-1,10-phenanthroline		CAT# PHEN081	
	CAS#	[4199-88-6]	
	Formula	C ₁₂ H ₇ N ₃ O ₂	
	FW	225.20	
5-Amino-1,10-phenanthroline		CAT# PHEN082	
	CAS#	[54258-41-2]	
	Formula	C ₁₂ H ₉ N ₃	
	FW	195.22	
5-Methyl-1,10-phenanthroline		CAT# PHEN083	
	CAS#	[3002-78-6]	
	Formula	C ₁₃ H ₁₀ N ₂	
	FW	194.23	
4,7-Dichloro-1,10-phenanthroline		CAT# PHEN087	
	CAS#	[5394-23-0]	
	Formula	C ₁₂ H ₆ Cl ₂ N ₂	
	FW	249.10	
4,7-Diphenyl-1,10-phenanthroline		CAT# PHEN088	
	CAS#	[1662-01-7]	
	Formula	C ₂₄ H ₁₆ N ₂	
	FW	332.40	
	λ _{ab}	272 nm(THF)	
	λ _{em}	379 nm(THF)	

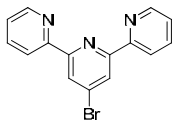
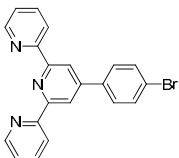
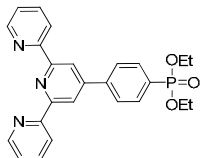
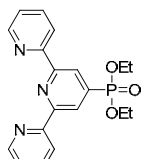
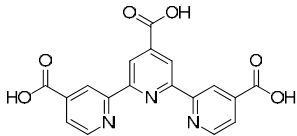
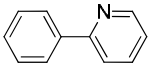
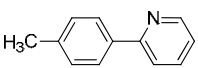
4,7-Bis(4-bromophenyl)-1,10-phenanthroline		CAT# PHEN089	
	CAS#	[97802-08-9]	
	Formula	C ₂₄ H ₁₄ Br ₂ N ₂	
	FW	490.19	
4,7-Bis(biphenyl)-1,10-phenanthroline		CAT# PHEN091	
	CAS#	[96710-07-5]	
	Formula	C ₃₆ H ₂₄ N ₂	
	FW	484.59	
Bathophenanthroline disulphonic acid disodium		CAT# PHEN092	
	CAS#	[53744-42-6]	
	Formula	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂	
	FW	590.53	
* isomeric mixture, see <i>Mag. Res. Chem.</i> , 49(2011)816-823.			
Sodium 4,4'-(1,10-phenanthroline-4,7-diyl)dibenzene sulfonate		CAT# PHEN093	
	CAS#		
	Formula	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂	
	FW	536.49	
4,7-Dihydroxyl-1,10-phenanthroline		CAT# PHEN094	
	CAS#	[3922-40-5]	
	Formula	C ₁₂ H ₈ N ₂ O ₂	
	FW	212.20	
5,6-Dimethyl-1,10-phenanthroline		CAT# PHEN099	
	CAS#	[3002-81-1]	
	Formula	C ₁₄ H ₁₂ N ₂	
	FW	208.26	
3,4,7,8-Tetramethyl-1,10-phenanthroline		CAT# PHEN100	
	CAS#	[1660-93-1]	
	Formula	C ₁₆ H ₁₆ N ₂	
	FW	236.31	
1,10-Phenanthroline-5,6-dione		CAT# PHEN110	
	CAS#	[27318-90-7]	
	Formula	C ₁₂ H ₆ N ₂ O ₂	
	FW	210.19	

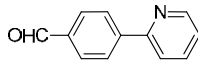
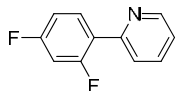
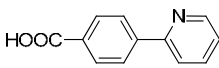
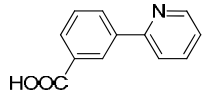
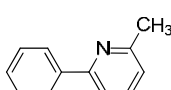
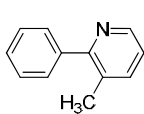
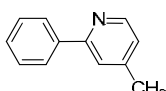
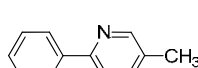
Dipyrido[3,2-a:2',3'-c]phenazine		CAT# PHEN111
	CAS# [19535-47-8] Formula C ₁₈ H ₁₀ N ₄ FW 282.30	
3-Bromo-1,10-phenanthroline		CAT# PHEN401
	CAS# [66127-01-3] Formula C ₁₂ H ₇ BrN ₂ FW 259.10	
3,8-Dibromo-1,10-phenanthroline		CAT# PHEN402
	CAS# [100125-12-0] Formula C ₁₂ H ₆ Br ₂ N ₂ FW 338.00	
5,6-Dibromo-1,10-phenanthroline		CAT# PHEN403
	CAS# [56290-06-3] Formula C ₁₂ H ₆ Br ₂ N ₂ FW 338.00	
2,9-Dichloro-1,10-phenanthroline		CAT# PHEN404
	CAS# [29176-55-4] Formula C ₁₂ H ₆ Cl ₂ N ₂ FW 249.10	
2,9-Di-(2'-pyridyl)-1,10-phenanthroline		CAT# PHEN405
	CAS# [773883-32-2] Formula C ₂₂ H ₁₄ N ₄ FW 334.37	
2-(4-Bromophenyl)-9-phenyl-1,10-phenanthroline		CAT# PHEN436
	CAS# [197442-25-4] Formula C ₂₄ H ₁₅ BrN ₂ FW 411.29	
5,6-Epoxy-5,6-dihydro-1,10-phenanthroline		CAT# PHEN406
	CAS# [65115-91-5] Formula C ₁₂ H ₈ N ₂ O FW 196.20	

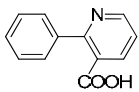
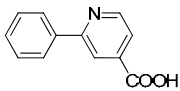
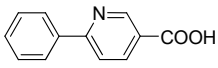
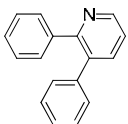
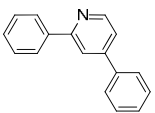
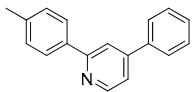
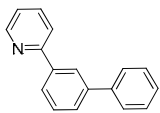
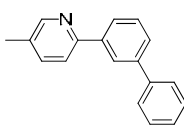
2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline		CAT# PHEN407
	CAS# [4733-39-5] Formula C ₂₆ H ₂₀ N ₂ FW 360.45 λ _{ab} 277 nm (THF) λ _{em} 386 nm (THF)	
1,10-Phenanthroline-5-carboxylic acid		CAT# PHEN408
	CAS# [630067-06-0] Formula C ₁₃ H ₈ N ₂ O ₂ FW 224.21	
5-Isothiocyanato-1,10-phenanthroline		CAT# PHEN410
	CAS# [75618-99-4] Formula C ₁₃ H ₇ N ₃ S FW 237.28	
2,9-Dibromo-1,10-phenanthroline		CAT# PHEN412
	CAS# [39069-02-8] Formula C ₁₂ H ₆ Br ₂ N ₂ FW 338.00	
4,7-Dimethoxy-1,10-phenanthroline		CAT# PHEN413
	CAS# [92149-07-0] Formula C ₁₄ H ₁₂ N ₂ O ₂ FW 240.26	
5-Iodo-1,10-phenanthroline		CAT# PHEN414
	CAS# [630067-12-8] Formula C ₁₂ H ₇ IN ₂ FW 306.10	
4,7-Dichloro-5-methyl-1,10-phenanthroline		CAT# PHEN415
	CAS# [503864-02-6] Formula C ₁₃ H ₈ Cl ₂ N ₂ FW 262.12	
4,7-Dihydroxyl- 5-methyl-1,10-phenanthroline		CAT# PHEN416
	CAS# [65115-91-5] Formula C ₁₃ H ₁₀ N ₂ O ₂ FW 226.23	

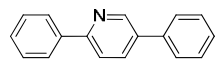
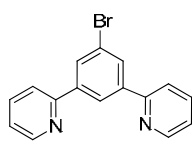
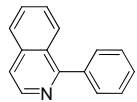
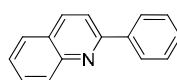
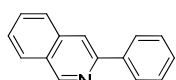
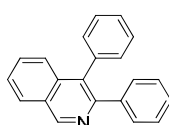
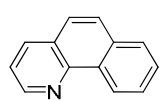
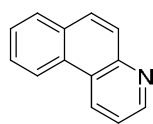
4,7-Di(naphthalen-1-yl)-1,10-phenanthroline		CAT# PHEN417	
	CAS# Formula FW	[1215007-80-9] C ₃₂ H ₂₀ N ₂ 432.51	
4,7-Dim-tolyl-1,10-phenanthroline		CAT# PHEN418	
	CAS# Formula FW	 C ₂₆ H ₂₀ N ₂ 360.45	
4,7-Dio-tolyl-1,10-phenanthroline		CAT# PHEN419	
	CAS# Formula FW	 C ₂₆ H ₂₀ N ₂ 360.45	
4,7-Bis(4-methoxyphenyl)-1,10-phenanthroline		CAT# PHEN420	
	CAS# Formula FW	[95950-20-2] C ₂₆ H ₂₀ N ₂ O ₂ 392.45	
4,7-Di(9H-carbazol-9-yl)-1,10-phenanthroline		CAT# PHEN421	
	CAS# Formula FW	[676542-82-8] C ₃₈ H ₂₂ N ₄ 510.59	
5-(1,10-Phenanthroline-5-ylamino)-5-oxopentanoic acid		CAT# PHEN422	
	CAS# Formula FW	[163628-20-4] C ₁₇ H ₁₅ N ₃ O ₃ 309.32	
3,8-(Dithiophen-2-yl)-1,10-phenanthroline		CAT# PHEN423	
	CAS# Formula FW	[753491-32-6] C ₂₀ H ₁₂ N ₂ S ₂ 344.45	

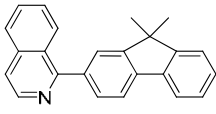
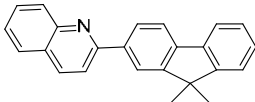
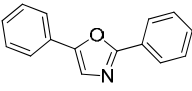
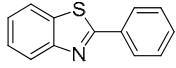
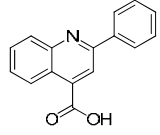
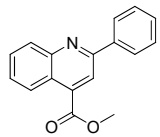
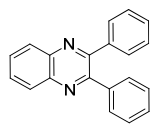
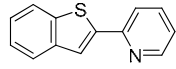
2,9-Di(thiophen-2-yl)-5,6-dihydropyrazino[1,2,3,4-Imn][1,10]phenanthroline-4,7-diiumbromide		CAT# PHEN424	
	CAS# Formula FW	 C ₂₂ H ₁₆ Br ₂ N ₂ S ₂ 532.31	
4,-((1,10-Phenanthrolin-3-yl)ethynyl)-N,N'-dimethylaniline		CAT# PHEN425	
	CAS# Formula FW	 C ₂₂ H ₁₇ N ₃ 323.39	
2-((4-(Dimethylamino)phenyl)ethynyl)-5,6-dihydropyrazino[1,2,3,4-Imn][1,10]phenanthroline-4,7-diiumbromide		CAT# PHEN426	
	CAS# Formula FW	 C ₂₄ H ₂₁ N ₃ Br ₂ 511.25	
4,4'-(1,10-Phenanthroline-3,8-diyl)bis(ethyne-2,1-diyl)bis(N,N-dimethylaniline)		CAT# PHEN427	
	CAS# Formula FW	[250635-23-5] C ₃₂ H ₂₈ N ₄ 466.58	
3,8-Di(9H-carbazol-9-yl)-1,10-phenanthroline		CAT# PHEN428	
	CAS# Formula FW	[796847-41-1] C ₃₆ H ₂₂ N ₄ 510.59	
3,8-Bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)-1,10-phenanthroline		CAT# PHEN430	
	CAS# Formula FW	[1001330-07-9] C ₂₄ H ₁₆ N ₂ O ₄ S ₂ 460.52	
3,8-Bis(5-(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)thiophen-2-yl)-1,10-phenanthroline		CAT# PHEN450	
	CAS# Formula FW	 C ₃₂ H ₂₀ N ₂ O ₄ S ₄ 624.77	

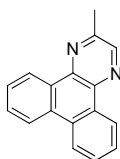
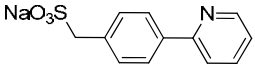
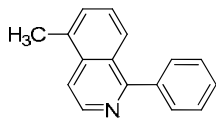
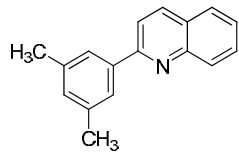
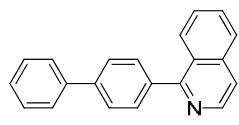
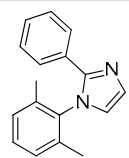
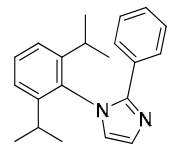
4-Bromo-2,2':6',2''-terpyridine		CAT# TEPY003	
	CAS#	[149817-62-9]	
	Formula	C ₁₅ H ₁₀ BrN ₃	
	FW	312.17	
4'-(4-Bromophenyl)- 2,2':6',2''-terpyridine		CAT# TEPY004	
	CAS#	[89972-76-9]	
	Formula	C ₂₁ H ₁₄ BrN ₃	
	FW	388.26	
Diethyl-4-(4-phenylphosphonte)- 2,2':6',2''-terpyridine		CAT# TEPY005	
	CAS#	[194800-58-3]	
	Formula	C ₂₅ H ₂₄ N ₃ O ₃ P	
	FW	445.45	
Diethyl-4-phosphonte-2,2':6',2''-terpyridine		CAT# TEPY006	
	CAS#	[161583-75-1]	
	Formula	C ₁₉ H ₂₀ N ₃ O ₃ P	
	FW	369.35	
[2,2':6',2''-Terpyridine]-4,4',4''-tricarboxylic acid		CAT# TEPY020	
	CAS#	[216018-58-5]	
	Formula	C ₁₈ H ₁₁ N ₃ O ₆	
	FW	365.30	
C[^]N Cyclometalating Ligands			
2-Phenylpyridine		CAT#CN601	
	CAS#	[1008-89-5]	
	Formula	C ₁₁ H ₉ N	
	FW	155.20	
2-(4-Tolyl)pyridine		CAT# CN602	
	CAS#	[4467-06-5]	
	Formula	C ₁₂ H ₁₁ N	
	FW	169.22	

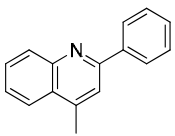
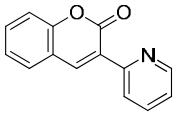
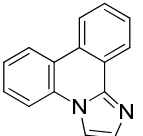
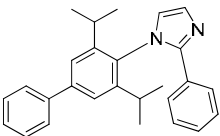
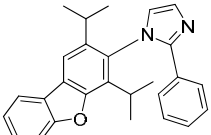
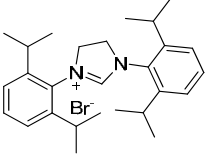
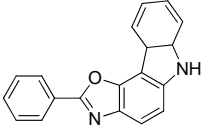
4-(2-Pyridyl)benzaldehyde		CAT# CN603	
	CAS#	[127406-56-8]	
	Formula	C ₁₂ H ₉ NO	
	FW	183.21	
2-(2,4-Difluorophenyl)pyridine		CAT# CN604	
	CAS#	[391604-55-0]	
	Formula	C ₁₁ H ₇ NF ₂	
	FW	191.18	
4-Pyridin-2-yl-benzoic acid		CAT# CN605	
	CAS#	[4385-62-0]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
3-Pyridin-2-yl-benzoic acid		CAT# CN606	
	CAS#	[4467-07-6]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
2-Methyl-6-phenylpyridine		CAT# CN607	
	CAS#	[46181-30-0]	
	Formula	C ₁₂ H ₁₁ N	
	FW	169.22	
3-Methyl-2-phenylpyridine		CAT# CN608	
	CAS#	[10273-90-2]	
	Formula	C ₁₂ H ₁₁ N	
	FW	169.22	
4-Methyl-2-phenylpyridine		CAT# CN609	
	CAS#	[3475-21-6]	
	Formula	C ₁₂ H ₁₁ N	
	FW	169.22	
5-Methyl-2-phenylpyridine		CAT# CN610	
	CAS#	[27012-22-2]	
	Formula	C ₁₂ H ₁₁ N	
	FW	169.22	

2-Phenylnicotinic acid		CAT# CN611	
	CAS#	[33421-39-5]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
2-Phenylpyridine-4-carboxylic acid		CAT# CN612	
	CAS#	[55240-51-2]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
6-Phenylpyridine-3-carboxylic acid		CAT# CN613	
	CAS#	[29051-44-3]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
2,3-Diphenylpyridine		CAT# CN614	
	CAS#	[33421-53-3]	
	Formula	C ₁₇ H ₁₃ N	
	FW	231.29	
2,4-Diphenylpyridine		CAT# CN615	
	CAS#	[26274-35-1]	
	Formula	C ₁₇ H ₁₃ N	
	FW	231.29	
4-Phenyl-2-(p-tolyl)pyridine		CAT# CN950	
	CAS#		
	Formula	C ₁₈ H ₁₅ N	
	FW	245.32	
2-([1,1'-Biphenyl]-3-yl)pyridine		CAT# CN709	
	CAS#	[458541-39-4]	
	Formula	C ₁₇ H ₁₃ N	
	FW	231.29	
2-([1,1'-Biphenyl]-3-yl)-5-methylpyridine		CAT# CN710	
	CAS#		
	Formula	C ₁₈ H ₁₅ N	
	FW	245.32	

2,5-Diphenylpyridine		CAT# CN616	
	CAS#	[15827-72-2]	
	Formula	C ₁₇ H ₁₃ N	
	FW	231.29	
2,2'-(5-Bromo-1,3-phenylene)dipyridine		CAT# CN646	
	CAS#	[150239-89-7]	
	Formula	C ₁₆ H ₁₁ BrN ₂	
	FW	311.18	
1-Phenylisoquinoline		CAT# CN617	
	CAS#	[3297-72-1]	
	Formula	C ₁₅ H ₁₁ N	
	FW	205.25	
2-Phenylquinoline		CAT# CN618	
	CAS#	[612-96-4]	
	Formula	C ₁₅ H ₁₁ N	
	FW	205.25	
3-Phenylisoquinoline		CAT# CN619	
	CAS#	[37993-76-3]	
	Formula	C ₁₅ H ₁₁ N	
	FW	205.25	
3,4-Diphenylisoquinoline		CAT# CN620	
	CAS#	[52839-45-9]	
	Formula	C ₂₁ H ₁₅ N	
	FW	281.35	
Benzo[h]quinoline		CAT# CN621	
	CAS#	[230-27-3]	
	Formula	C ₁₃ H ₉ N	
	FW	179.22	
Benzo[f]quinoline		CAT# CN639	
	CAS#	[85-02-9]	
	Formula	C ₁₃ H ₉ N	
	FW	179.22	

1-(9,9-Dimethyl-9H-fluoren-2-yl)-isoquinoline	CAT# CN622
	CAS# [435277-99-9] Formula C ₂₄ H ₁₉ N FW 321.41
2-(9,9-Dimethyl-9H-fluoren-2-yl)-quinoline	CAT# CN623
	CAS# [889750-37-2] Formula C ₂₄ H ₁₉ N FW 321.41
2,5-Diphenyloxazole	CAT# CN624
	CAS# [92-71-7] Formula C ₁₅ H ₁₁ NO FW 221.25
2-Phenylbenzothiazole	CAT# CN625
	CAS# [883-93-2] Formula C ₁₃ H ₉ NS FW 211.28
2-Phenylquinoline acid	CAT# CN626
	CAS# [132-60-5] Formula C ₁₆ H ₁₁ NO ₂ FW 249.26
Methyl-2-phenyl-4-quinolinecarboxylate	CAT# CN627
	CAS# [4546-48-9] Formula C ₁₇ H ₁₃ NO ₂ FW 263.29
2,3-Diphenylquinoxaline	CAT# CN628
	CAS# [1684-14-6] Formula C ₂₀ H ₁₄ N ₂ FW 282.34
2-(Benzo[b]thiophen-2-yl)pyridine	CAT# CN629
	CAS# [38210-35-4] Formula C ₁₃ H ₉ NS FW 211.28

2-Methylidibenzo[f,h]quinoxaline	CAT# CN630
	CAS# [536753-86-3] Formula C ₁₇ H ₁₂ N ₂ FW 244.29
(4-(Pyridin-2-yl)phenyl)methane sodium sulfonate	CAT# CN631
	CAS# [271-27-2] Formula C ₁₂ H ₁₀ NO ₃ Na FW 271.27
5-Methyl-1-phenylisoquinoline	CAT# CN632
	CAS# [700380-16-1] Formula C ₁₆ H ₁₃ N FW 219.28
2-(3,5-Dimethylphenyl)quinoline	CAT# CN633
	CAS# [1056451-44-5] Formula C ₁₇ H ₁₅ N FW 233.31
1-(Biphenyl-4-yl)isoquinoline	CAT# CN634
	CAS# [110746-63-9] Formula C ₂₁ H ₁₅ N FW 281.35
1-(2,6-Dimethylphenyl)-2-phenyl-1H-imidazole	CAT# CN635
	CAS# [914306-48-2] Formula C ₁₇ H ₁₆ N ₂ FW 248.32
1-(2,6-Diisopropylphenyl)-2-phenyl-1H-imidazole	CAT# CN636
	CAS# [914306-50-6] Formula C ₂₁ H ₂₄ N ₂ FW 304.43

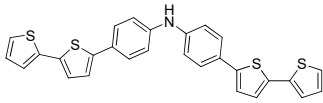
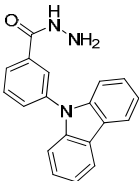
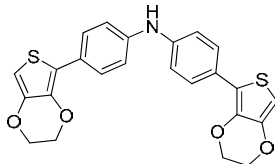
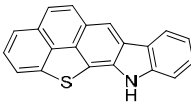
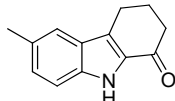
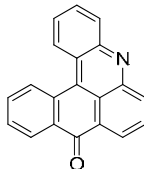
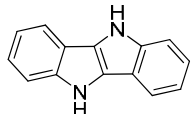
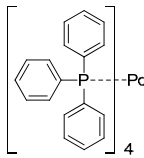
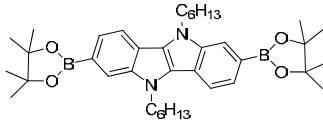
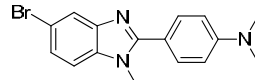
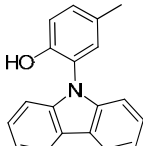
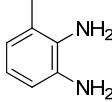
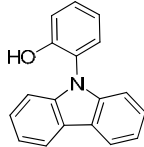
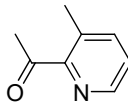
4-Methyl-2-phenylquinoline	
CAT# CN637	
	<p>CAS# [4789-76-8] Formula C₁₆H₁₃N FW 219.28</p>
3-(Pyridin-2-yl)-2H-chromen-2-one	
CAT# CN638	
	<p>CAS# [837-97-8] Formula C₁₄H₉NO₂ FW 223.23</p>
Imidazo[1,2-f]phenanthridine	
CAT# CN640	
	<p>CAS# [37694-95-4] Formula C₁₅H₁₀N₂ FW 218.25</p>
1-(3,5-Diisopropylbiphenyl-4-yl)-2-phenyl-1H-imidazole	
CAT# CN642	
	<p>CAS# Formula C₂₇H₂₈N₂ FW 380.52</p>
1-(2,4-Diisopropylidibenzo[b,d]furan-3-yl)-2-phenyl-1H-imidazole	
CAT# CN645	
	<p>CAS# Formula C₂₇H₂₆N₂O FW 394.51</p>
1,3-Bis(2,6-diisopropylphenyl)-4,5-dihydro-1H-imidazol-3-ium bromide	
CAT# CN647	
	<p>CAS# [1034137-22-8] Formula C₂₇H₃₉BrN₂ FW 471.52</p>
2-Phenyl-6a,10a-dihydro-6H-oxazolo[4,5-c]carbazole	
CAT# CN650	
	<p>CAS# Formula C₁₉H₁₄N₂O FW 286.33</p>

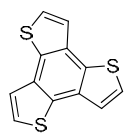
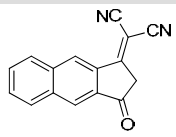
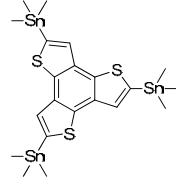
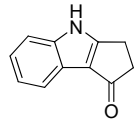
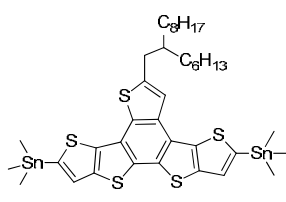
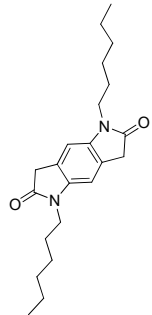
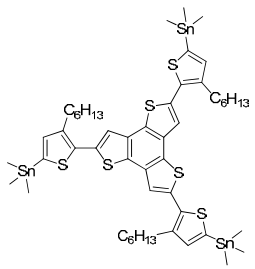
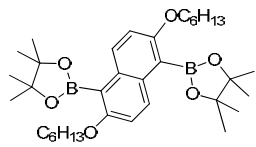
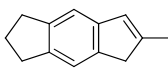
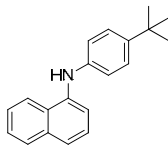
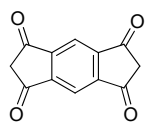
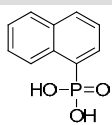
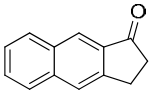
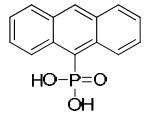
Other chemicals			
Iridium(III) Chloride hydrate			
CAT# IR101			
	CAS#	[14996-61-3]	
	Formula	IrCl ₃ ·H ₂ O	
	FW	316.59	
Tris(pentane-2,4-dionato-O,O')iridium			
CAT# IR102			
	CAS#	[15635-87-7]	
	Formula	C ₁₅ H ₂₁ IrO ₆	
	FW	489.54	
4-Methyl-1-phenyl-2(1H)-quinolone			
CAT# OC1001			
	CAS#	[2540-30-9]	
	Formula	C ₁₆ H ₁₃ NO	
	FW	235.28	
1-Chloroisoquinoline			
CAT# OC1002			
	CAS#	[19493-44-8]	
	Formula	C ₉ H ₆ ClN	
	FW	163.60	
Isonicotinimidohydrazide			
CAT# OC1011			
	CAS#		
	Formula	C ₆ H ₈ N ₄	
	FW	136.15	
Nicotinimidohydrazide			
CAT# OC1012			
	CAS#		
	Formula	C ₆ H ₈ N ₄	
	FW	136.15	
4,5,6,7-Tetrahydro-2H-isoindole			
CAT# OC1003			
	CAS#	[51649-35-5]	
	Formula	C ₈ H ₁₁ N	
	FW	121.18	
3-(4,5,6,7-Tetrahydro-2H-isoindol-2-yl)propanoic acid			
CAT# OC1004			
	CAS#		
	Formula	C ₁₁ H ₁₅ NO ₂	
	FW	193.24	

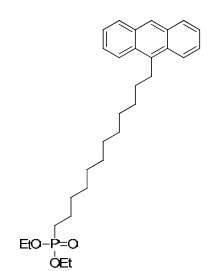
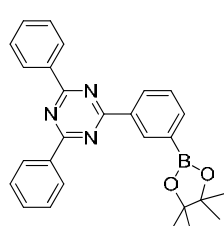
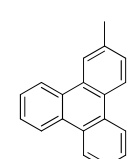
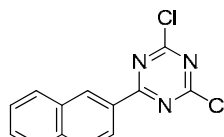
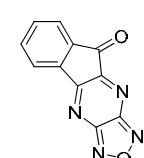
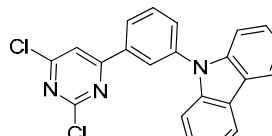
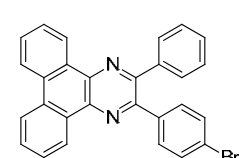
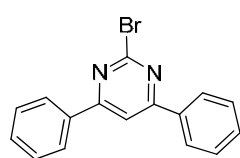
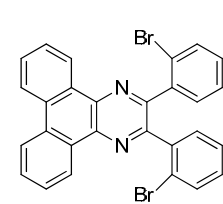
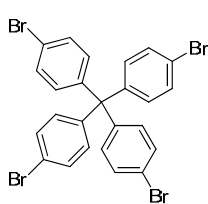
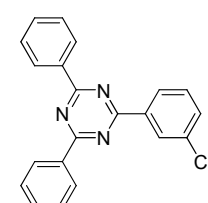
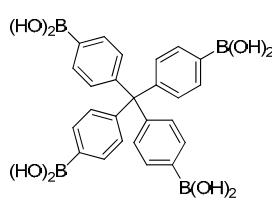
(4-(Diphenylamino)phenyl)methanol			
CAT# OC1005			
	CAS#	[25069-40-3]	
	Formula	C ₁₉ H ₁₇ NO	
	FW	275.34	
4-Bromo-N-(4-bromophenyl)-N-(4-(sec-butyl)phenyl)aniline			
CAT# OC1052			
	CAS#	[287976-94-7]	
	Formula	C ₂₂ H ₂₁ Br ₂ N	
	FW	459.22	
1-Bromo-4-(1,2,2-trifluorovinyloxy)benzene			
CAT# OC1006			
	CAS#	[184910-53-0]	
	Formula	C ₈ H ₄ BrF ₃ O	
	FW	253.02	
lithium 6-(4,6-diamino-1,3,5-triazin-2-ylamino)hexanoate			
CAT# OC1007			
	CAS#		
	Formula	C ₉ H ₁₅ LiN ₆ O ₂	
	FW	246.20	
Tetraphenyltetrabenzoporphyrin			
TPBP			
CAT# OC1008			
	CAS#	[80528-89-8]	
	Formula	C ₆₀ H ₃₆ N ₄	
	FW	814.97	
4-(2-Bromopyridin-4-yl)butanenitrile			
CAT# OC1009			
	CAS#		
	Formula	C ₉ H ₉ BrN ₂	
	FW	225.09	
5-(1H-pyrrol-1-yl)pentanoic acid			
CAT# OC1010			
	CAS#	[145511-35-9]	
	Formula	C ₉ H ₁₃ NO ₂	
	FW	167.21	
(E)-1,2-bis(tributylstannyl)ethene			
CAT# OC1013			
	CAS#	[14275-61-7]	
	Formula	C ₂₆ H ₅₆ Sn ₂	
	FW	606.14	

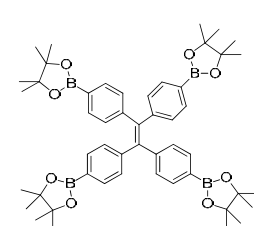
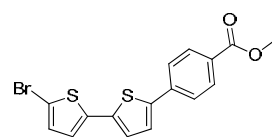
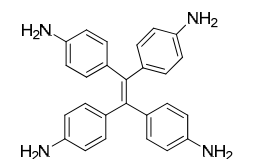
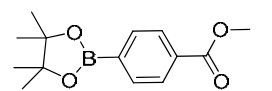
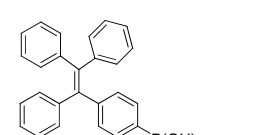
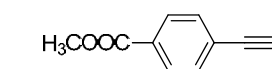
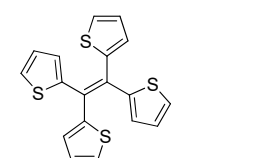
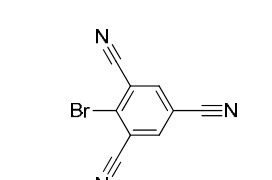
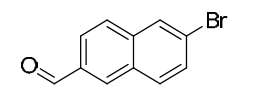
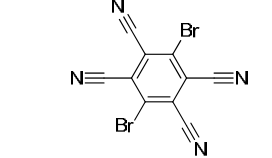
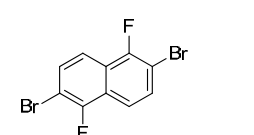
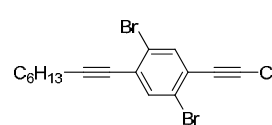
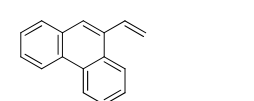
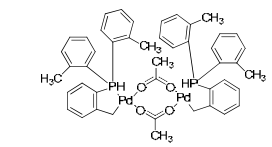
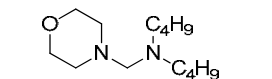
4-Bromo-3,3,4,4-tetrafluorobutan-1-ol	CAT# OC1019
	CAS# [234443-21-1] Formula C ₄ H ₅ BrF ₄ O FW 224.98
2,8-Dibromodibenzo[b,d]thiophene	CAT# OC1026
	CAS# [31574-87-5] Formula C ₁₂ H ₆ Br ₂ S FW 342.05
Dibenzo[b,d]thiophene-2,8-diyl diboronic acid	CAT# OC1038
	CAS# [761405-37-2] Formula C ₁₂ H ₁₀ B ₂ O ₄ S FW 271.89
Dibenzo[b,d]thiophene-2,8-diylbis(diphenylphosphine oxide)	CAT# OC1039
	CAS# [1019842-99-9] Formula C ₃₆ H ₂₆ O ₂ P ₂ S FW 584.60
2,8-Dibromodibenzo[b,d]furan	CAT# OC1027
	CAS# [1219842-99-9] Formula C ₁₂ H ₆ Br ₂ O FW 325.98
6-Bromo-2-iododibenzo[b,d]furan	CAT# OC1029
	CAS# [916435-45-5] Formula C ₁₂ H ₆ BrIO FW 372.98
2,4-Diisopropylidibenzo[b,d]furan-3-amine	CAT# OC1035
	CAS# [1332881-95-4] Formula C ₁₈ H ₂₁ NO FW 267.37

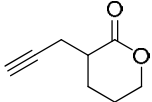
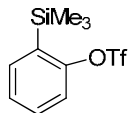
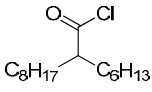
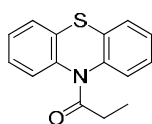
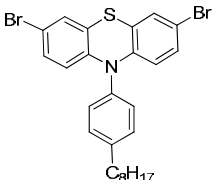
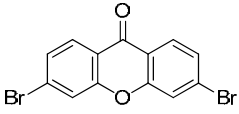
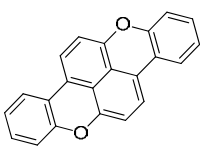
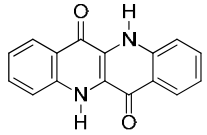
4,4',4''-Nitrilotribenzaldehyde	CAT# OC1040
	CAS# [119001-43-3] Formula C ₂₁ H ₁₅ NO ₃ FW 329.35
4-Iodo-N-(4-iodophenyl)-N-phenylaniline	CAT# OC1041
	CAS# [218909-60-5] Formula C ₁₈ H ₁₃ I ₂ N FW 497.11
N,N-Diphenyl-p-phenylenediamine	CAT# OC1045
	CAS# [2350-01-8] Formula C ₁₈ H ₁₆ N ₂ FW 260.33
N,N-diphenyl-4-methoxyaniline dimmer	CAT# OC1046
	CAS# / Formula C ₄₂ H ₃₄ N ₂ O ₂ FW 598.73
5-(Di-p-tolylamino)thiophene-2-carbaldehyde	CAT# OC1047
	CAS# [98660-86-7] Formula C ₁₉ H ₁₇ NOS FW 307.41
Bis(4-(thieno[3,2-b]thiophen-2-yl)phenyl)amine	CAT# OC1048
	CAS# [1219842-99-9] Formula C ₂₄ H ₁₅ NS ₄ FW 445.64
N1-(3-aminophenyl)benzene-1,3-diamine	CAT# OC1043
	CAS# [219853-08-4] Formula C ₁₂ H ₁₃ N ₃ FW 199.25

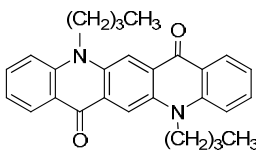
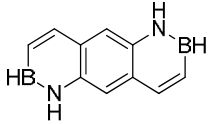
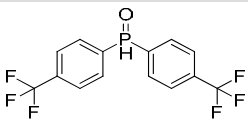
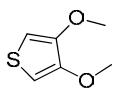
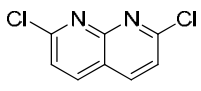
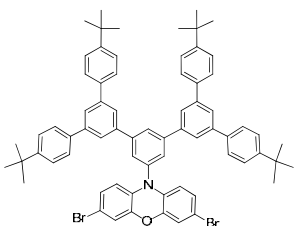
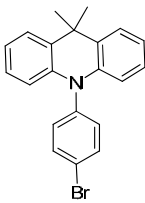
Bis(4-([2,2'-bithiophen]-5-yl)phenyl)amine CAT# OC1044	3-Carbazol-9-ylbenzhydrazide CAT# OC1056
 <p>CAS# Formula $C_{28}H_{19}NS_4$ FW 497.72</p>	 <p>CAS# Formula $C_{19}H_{15}N_3O$ FW 301.34</p>
Bis(4-(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)phenyl)amine CAT# OC1042	11H-thieno[2',3',4',5':4,5]phenanthro[3,2-b]indole CAT# OC1057
 <p>CAS# Formula $C_{24}H_{19}NO_4S_2$ FW 449.54</p>	 <p>CAS# / Formula $C_{20}H_{11}NS$ FW 297.37</p>
6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-one CAT# OC1050	9H-naphtho[3,2,1-k]acridin-9-one CAT# OC1082
 <p>CAS# Formula $C_{13}H_{13}NO$ FW 199.25</p>	 <p>CAS# Formula $C_{20}H_{11}NO$ FW 281.31</p>
5,10-Dihydroindolo[3,2-b]indole CAT# OC1053	Tetrakis(triphenylphosphine)palladium(0) CAT# OC1100
 <p>CAS# [3682-85-7] Formula $C_{14}H_{10}N_2$ FW 206.24</p>	 <p>CAS# [14221-01-3] Formula $C_{72}H_{60}P_4Pd$ FW 1155.59</p>
5,10-Dihexyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,10-dihydroindolo[3,2-b]indole CAT# OC1051	4-(5-Bromo-1-methyl-1H-benzo[d]imidazol-2-yl)-N,N-dimethylaniline CAT# OC1110
 <p>CAS# [2057469-39-1] Formula $C_{38}H_{56}B_2N_2O_4$ FW 626.48</p>	 <p>CAS# / Formula $C_{16}H_{18}BrN_3$ FW 330.22</p>
2-(9H-carbazol-9-yl)-4-methylphenol CAT# OC1054	3-Methyl-1,2-phenylenediamine CAT# OC1120
 <p>CAS# [620987-78-2] Formula $C_{19}H_{15}NO$ FW 273.33</p>	 <p>CAS# [2687-25-4] Formula $C_7H_{10}N_2$ FW 122.17</p>
2-(9H-carbazol-9-yl)phenol CAT# OC1055	2-Acetyl-3-Methylpyridine CAT# OC1150
 <p>CAS# Formula $C_{18}H_{13}NO$ FW 259.30</p>	 <p>CAS# [85279-30-7] Formula C_8H_9NO FW 135.16</p>

<p>Benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1160</p>	<p>2-(3-Oxo-2,3-dihydro-1H-cyclopenta[b]naphthalen-1-ylidene)malononitrile CAT# OC1270</p>
 <p>CAS# [29150-63-8] Formula C₁₂H₆S₃ FW 246.37</p>	 <p>CAS# [2109805-70-9] Formula C₁₆H₈N₂O FW 244.25</p>
<p>2,5,8-Tris(trimethylstannyl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1161</p>	<p>2,3-Dihydrocyclopenta[b]indol-1(4H)-one CAT# OC1171</p>
 <p>CAS# [1289556-30-4] Formula C₂₁H₃₀S₃Sn₃ FW 734.79</p>	 <p>CAS# [61364-20-3] Formula C₁₁H₉NO FW 171.20</p>
<p>(5-(2-Hexyldecyl)benzo[1,2-b:3,4-b':6,5-b'']trithiophene-2,8-diyl)bis(trimethylstannane) DTBTT-2Sn CAT# OC1163</p>	<p>1,5-Dihexyl-5,7-dihydropyrrolo[2,3-f]indole-2,6(1H,3H)-dione CAT# OC1196</p>
 <p>CAS# / Formula C₃₈H₅₄S₃Sn₂ FW 908.58</p>	 <p>CAS# [929541-15-1] Formula C₂₂H₃₂N₂O₂ FW 356.50</p>
<p>2,5,8-Tris(3-hexyl-5-(trimethylstannyl)thiophen-2-yl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1261</p>	<p>2,2'-(2,6-Bis(hexyloxy)naphthalene-1,5-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# OC1159</p>
 <p>CAS# / Formula C₅₁H₇₂S₆Sn₃ FW 1233.64</p>	 <p>CAS# / Formula C₃₄H₅₄B₂O₆ FW 580.41</p>
<p>6-Methyl-1,2,3,5-tetrahydro-indacene CAT# OC1165</p>	<p>N-(4-(tert-butyl)phenyl)naphthalen-1-amine CAT# OC1152</p>
 <p>CAS# [202667-45-6] Formula C₁₃H₁₄ FW 170.25</p>	 <p>CAS# [4572-48-9] Formula C₂₀H₂₁N FW 275.39</p>
<p>S-indacene-1,3,5,7(2H,6H)-tetraone CAT# OC1166</p>	<p>Naphthalen-1-ylphosphonic acid CAT# OC1172</p>
 <p>CAS# [53910-13-7] Formula C₁₂H₆O₄ FW 214.17</p>	 <p>CAS# / Formula C₁₀H₉O₃P FW 208.15</p>
<p>2,3-Dihydro-1H-cyclopenta[b]naphthalen-1-one CAT# OC1170</p>	<p>Anthracen-9-ylphosphonic acid CAT# OC1174</p>
 <p>CAS# [109341-49-3] Formula C₁₃H₁₀O FW 182.22</p>	 <p>CAS# / Formula C₁₄H₁₁O₃P FW 258.21</p>

<p>Diethyl 12-(anthracen-9-yl)dodecylphosphonate CAT# OC1175</p>  <p>CAS# Formula $C_{30}H_{43}O_3P$ FW 482.63</p>	<p>2,4-Diphenyl-6-(3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)-1,3,5-triazine CAT# OC1325</p>  <p>CAS# Formula $C_{27}H_{26}BN_3O_2$ FW 435.33</p>
<p>2-Methyltriphenylene CAT# OC1185</p>  <p>CAS# Formula $C_{19}H_{14}$ FW 242.31</p>	<p>2,4-Dichloro-6-(naphthalen-2-yl)-1,3,5-triazine CAT# OC1326</p>  <p>CAS# [112719-97-8] Formula $C_{13}H_7Cl_2N_3$ FW 276.12</p>
<p>9H-indeno[1,2-b][1,2,5]oxadiazolo[3,4-e]pyrazin-9-one CAT# OC1181</p>  <p>CAS# [67200-34-4] Formula $C_{11}H_4N_4O_2$ FW 224.18</p>	<p>9-(3-(2,6-Dichloropyrimidin-4-yl)phenyl)-9H-carbazole CAT# OC1330</p>  <p>CAS# / Formula $C_{22}H_{13}Cl_2N_3$ FW 390.26</p>
<p>2-(4-Bromophenyl)-3-phenyldibenzo[f,h]quinoxaline CAT# OC1186</p>  <p>CAS# / Formula $C_{28}H_{17}BrN_2$ FW 461.35</p>	<p>2-Bromo-4,6-diphenylpyrimidine CAT# OC1328</p>  <p>CAS# [56181-49-8] Formula $C_{16}H_{11}BrN_2$ FW 311.18</p>
<p>2,3-Bis(2-bromophenyl)dibenzo[f,h]quinoxaline CAT# OC1187</p>  <p>CAS# / Formula $C_{28}H_{16}Br_2N_2$ FW 540.25</p>	<p>Tetrakis(4-bromophenyl)methane CAT# OC1409</p>  <p>CAS# Formula $C_{25}H_{16}Br_4$ FW 636.01</p>
<p>2-(3-Chlorophenyl)-4,6-diphenyl-1,3,5-triazine CAT# OC1324</p>  <p>CAS# Formula $C_{21}H_{14}ClN_3$ FW 343.81</p>	<p>4,4',4'',4'''-Methanetetrayltetrakis(benzene-4,1-diyl)tetraboronic acid CAT# OC1410</p>  <p>CAS# Formula $C_{25}H_{24}B_4O_8$ FW 495.70</p>

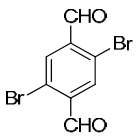
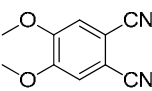
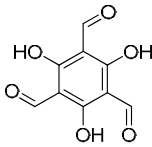
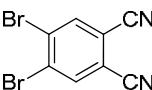
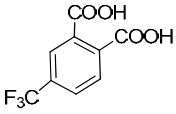
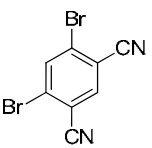
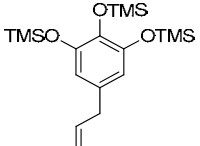
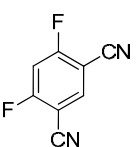
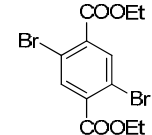
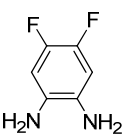
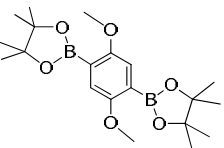
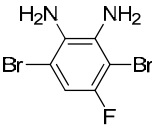
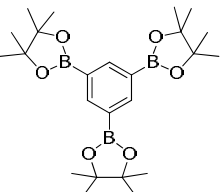
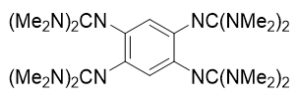
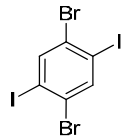
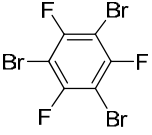
1,1,2,2-Tetrakis(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)ethene CAT# OC1420	Methyl 4-(5'-bromo-[2,2'-bithiophen]-5-yl)benzoate CAT# OC1070
 <p>CAS# Formula $C_{50}H_{64}B_4O_8$ FW 836.28</p>	 <p>CAS# Formula $C_{16}H_{11}BrO_2S_2$ FW 379.29</p>
4,4',4'',4'''-(Ethene-1,1,2,2-tetrayl)tetraaniline CAT# OC1422	Methyl 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzoate CAT# OC1071
 <p>CAS# [78525-34-5] Formula $C_{26}H_{24}N_4$ FW 392.50</p>	 <p>CAS# [171364-80-0] Formula $C_{14}H_{19}BO_4$ FW 262.11</p>
(4-(1,2-Triphenylvinyl)phenyl)boronic acid CAT# OC1421	Methyl 4-ethynylbenzoate CAT# OC1092
 <p>CAS# [1227040-87-0] Formula $C_{26}H_{21}BO_2$ FW 376.25</p>	 <p>CAS# [3034-86-4] Formula $C_{10}H_8O_2$ FW 160.17</p>
Thiophene, 2,2',2'',2'''-(1,2-ethenediylidene)tetrakis- CAT# OC1430	2-Bromobenzene-1,3,5-tricarbonitrile CAT# OC1093
 <p>CAS# [139376-06-0] Formula $C_{18}H_{12}S_4$ FW 356.55</p>	 <p>CAS# [13520-05-3] Formula $C_9H_2BrN_3$ FW 232.04</p>
6-Bromo-2-naphthaldehyde CAT# OC1456	3,6-Dibromobenzene-1,2,4,5-tetracarbonitrile CAT# OC1094
 <p>CAS# [170737-46-9] Formula $C_{11}H_7BrO$ FW 235.08</p>	 <p>CAS# / Formula $C_{10}Br_2N_4$ FW 335.94</p>
2,6-Dibromo-1,5-difluoronaphthalene CAT# OC1460	1,4-Dibromo-2,5-di(oct-1-yn-1-yl)benzene CAT# OC1096
 <p>CAS# Formula $C_{10}H_4Br_2F_2$ FW 321.94</p>	 <p>CAS# [171364-80-0] Formula $C_{22}H_{28}Br_2$ FW 452.27</p>
Phenanthrene,9-ethenyl- CAT# OC1470	Trans-Bis(acetato)bis[o-(di-o-tolylphosphino)benzyl]dipalladium(II) CAT# OC1098
 <p>CAS# [14134-06-6] Formula $C_{16}H_{12}$ FW 204.27</p>	 <p>CAS# [172418-32-5] Formula $C_{46}H_{46}O_4P_2Pd_2$ FW 937.64</p>
	N-butyl-N-(morpholinomethyl)butan-1-amine CAT# OC1155
	 <p>CAS# [67215-50-3] Formula $C_{13}H_{28}N_2O$ FW 228.37</p>

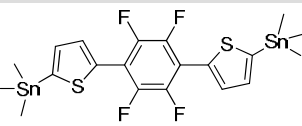
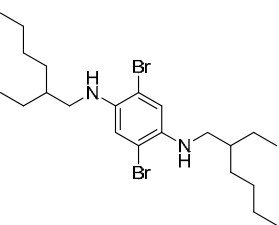
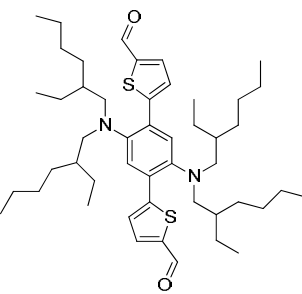
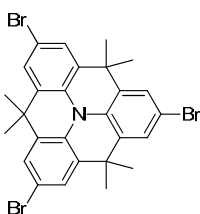
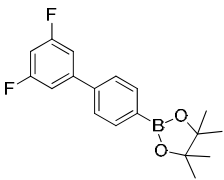
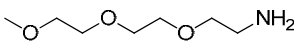
3-(Prop-2-ynyl)tetrahydro-2H-pyran-2-one	CAT# OC1157
	CAS# Formula $C_8H_{10}O_2$ FW 138.16
2-(Trimethylsilyl)phenyl trifluoromethanesulfonate	CAT# OC1180
	CAS# Formula $C_{10}H_{13}F_3O_3SSi$ FW 298.35
2-Hexyldecanoyl chloride	CAT# OC1200
	CAS# Formula $C_{16}H_{31}ClO$ FW 274.87
1-(10H-phenothiazin-10-yl)propan-1-one	CAT# OC1210
	CAS# Formula $C_{15}H_{13}NOS$ FW 255.33
3,7-Dibromo-10-(4-octylphenyl)-10H-phenothiazine	CAT# OC1211
	CAS# Formula $C_{26}H_{27}Br_2NS$ FW 545.37
3,6-Dibromo-9H-xanthen-9-one	CAT# OC1212
	CAS# [40102-85-0] Formula $C_{13}H_6Br_2O_2$ FW 353.99
Xantheno[2,1,9-mna]xanthene	CAT# OC1213
	CAS# Formula $C_{22}H_{12}O_2$ FW 308.33
Dibenzo[b,g][1,5]naphthyridine-6,12(5H,11H)-dione	CAT# OC1214
	CAS# Formula $C_{16}H_{10}N_2O_2$ FW 262.26

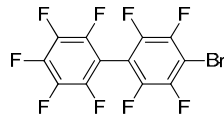
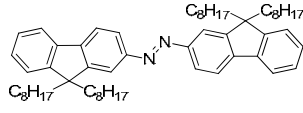
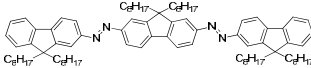
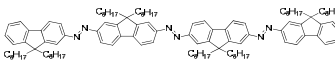
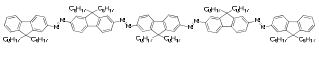
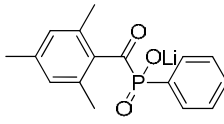
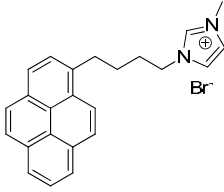
N,N'-Dibutylquinacridone	CAT# OC1220
	CAS# [99762-80-8] Formula $C_{28}H_{28}N_2O_2$ FW 424.53
1,2,6,7-Tetrahydrobenzo[1,2-e:4,5-e']bis[[1,2]azaborinine)	CAT# OC1221
	CAS# Formula $C_{10}H_{10}B_2N_2$ FW 179.82
Bis(4-(trifluoromethyl)phenyl)phosphine oxide	CAT# OC1222
	CAS# [15929-43-8] Formula $C_{14}H_9F_6OP$ FW 338.18
3,4-Dimethoxythiophene	CAT# OC1215
	CAS# [51792-34-8] Formula $C_6H_8O_2S$ FW 144.19
2,7-Dichloro-1,8-naphthyridine	CAT# OC1216
	CAS# [55243-02-2] Formula $C_8H_4Cl_2N_2$ FW 199.04
3,7-Dibromo-10-(4,4''-di-tert-butyl-5',5''-bis(4-(tert-butyl)phenyl)-[1,1':3',1'':3'',1''':3''',1''''-quinquephenyl]-5''-yl)-10H-phenoxazine	CAT# OC1217
	CAS# [1203471-43-5] Formula $C_{70}H_{67}Br_2NO$ FW 1098.10
10-(4-Bromophenyl)-9,9-dimethyl-9,10-dihydroacridine	CAT# OC1218
	CAS# [1342892-15-2] Formula $C_{21}H_{18}BrN$ FW 364.28

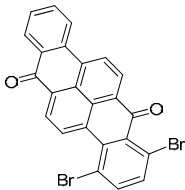
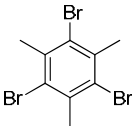
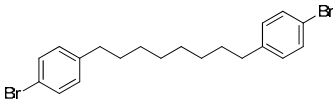
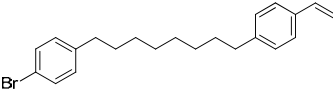
1,5-Dibromoanthracene-9,10-dione		CAT# OC1219	
	CAS# [602-77-7] Formula C ₁₄ H ₆ Br ₂ O ₂ FW 366.00		
2,3,6,7,10,11-Hexaaminotriphenylene		CAT# OC1230	
	CAS# [1350518-27-2] Formula C ₁₈ H ₂₄ Cl ₆ N ₆ FW 537.14	· 6HCl	
4-(5-(4-(Diethylamino)phenylamino)naphtho[1,2-d]oxazol-2-yl)benzoic acid		CAT# OC1250	
	CAS# [1350518-27-2] Formula C ₂₈ H ₂₅ N ₃ O ₃ FW 451.52		
9,9-Diphenyl-9,10-dihydroacridine		CAT# OC1300	
	CAS# [20474-15-1] Formula C ₂₅ H ₁₉ N FW 333.43		
Benzene-1,2,4,5-tetraol		CAT# OC3100	
	CAS# [108-95-2] Formula C ₆ H ₆ O ₄ FW 142.11		
3,3'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1,1'-biphenyl		CAT# OC3112	
	CAS# [850264-92-5] Formula C ₂₄ H ₃₂ B ₂ O ₄ FW 406.13		
2-(2-Heptadecyl-4,5-dihydro-1H-imidazol-1-yl)ethanamine		CAT# OC1310	
	CAS# [1350518-27-2] Formula C ₂₂ H ₄₅ N ₃ FW 351.61		

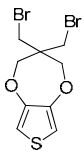
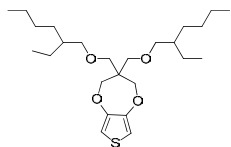
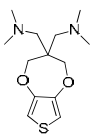
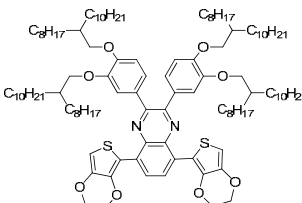
Tetrakis(4-bromophenyl)silane		CAT# OC1800	
	CAS# [18733-98-7] Formula C ₂₄ H ₁₆ Br ₄ Si FW 652.09		
4-Bromo(2,2)paracyclophane		CAT# OC1450	
	CAS# [1908-61-8] Formula C ₁₆ H ₁₅ Br FW 287.19		
4-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)paracyclophane		CAT# OC1451	
	CAS# [1908-61-8] Formula C ₂₂ H ₂₇ BO ₂ FW 334.26		
1-Bromo-4-hexylbenzene		CAT# OC1697	
	CAS# [23703-22-2] Formula C ₁₂ H ₁₇ Br FW 241.17		
4-Bromo-2-fluoro-1-hexylbenzene		CAT# OC1698	
	CAS# [1403380-08-4] Formula C ₁₂ H ₁₆ BrF FW 259.16		
1-Bromo-2-fluoro-4-hexylbenzene		CAT# OC1699	
	CAS# [1403380-08-4] Formula C ₁₂ H ₁₆ BrF FW 259.16		
2,5-Difluoroterephthalaldehyde		CAT# OC1601	
	CAS# [608145-27-3] Formula C ₈ H ₄ F ₂ O ₂ FW 170.11		
2,5-Difluoroterephthalonitrile		CAT# OC1602	
	CAS# [1897-49-0] Formula C ₈ H ₂ F ₂ N ₂ FW 164.11		

2,5-Dibromoterephthalaldehyde CAT# OC1700	4,5-Dimethoxyphthalonitrile CAT# OC1802
 <p>CAS# [6 3525-48-4] Formula C₈H₄Br₂O₂ FW 291.92</p>	 <p>CAS# [88946-67-2] Formula C₁₀H₈N₂O₂ FW 188.18</p>
2,4,6-Trihydroxybenzene-1,3,5-tricarbaldehyde CAT# OC1706	4,5-Dibromophthalonitrile CAT# OC1703
 <p>CAS# [34374-88-4] Formula C₉H₆O₆ FW 210.14</p>	 <p>CAS# [285-92] Formula C₈H₂Br₂N₂ FW 285.92</p>
4-(Trifluoromethyl)phthalic acid CAT# OC1805	4,6-Dibromoisophthalonitrile CAT# OC1704
 <p>CAS# [835-58-5] Formula C₉H₅F₃O₄ FW 234.13</p>	 <p>CAS# [244261-21-0] Formula C₈H₂Br₂N₂ FW 285.92</p>
((5-Allylbenzene-1,2,3-triyl)tris(oxy))tris(trimethylsilane) CAT# OC1808	4,6-Difluoroisophthalonitrile CAT# OC1705
 <p>CAS# [382.72] Formula C₁₈H₃₄O₃Si₃ FW 382.72</p>	 <p>CAS# [164.11] Formula C₈H₂F₂N₂ FW 164.11</p>
Diethyl 2,5-dibromoterephthalate CAT# OC1701	4,5-Difluorobenzene-1,2-diamine CAT# OC1708
 <p>CAS# [1 8013-97-3] Formula C₁₂H₁₂Br₂O₄ FW 380.03</p>	 <p>CAS# [76179-40-3] Formula C₆H₆F₂N₂ FW 144.12</p>
2,2'-(2,5-Dimethoxy-1,4-phenylene)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# OC1801	3,6-Dibromo-4-fluorobenzene-1,2-diamine CAT# OC1803
 <p>CAS# [1 338777-82-4] Formula C₂₀H₃₂B₂O₆ FW 390.09</p>	 <p>CAS# [283.92] Formula C₆H₅Br₂FN₂ FW 283.92</p>
1,3,5-Tris(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzene CAT# OC1418	2',2'',2''',2''''-(Benzene-1,2,4,5-tetrayl)tetrakis(1,1,3,3-tetramethylguanidine) CAT# OC1709
 <p>CAS# [3 65564-05-2] Formula C₂₄H₃₉B₃O₆ FW 456.00</p>	 <p>CAS# [530.76] Formula C₂₈H₅₀N₁₂ FW 530.76</p>
1,4-Dibromo-2,5-diiodobenzene CAT# OC1702	1,3,5-Tribromo-2,4,6-trifluorobenzene CAT# OC1707
 <p>CAS# [63262-06-6] Formula C₆H₂Br₂I₂ FW 487.70</p>	 <p>CAS# [2368-49-2] Formula C₆Br₃F₃ FW 368.77</p>

1,1'-[(2,3,5,6-Tetrafluoro-1,4-phenylene)di-5,2-thiophenediyl]bis[1,1,1-trimethyl-Stannane CAT# OC1604		CAS# [1449302-74-2] Formula C ₂₀ H ₂₂ F ₄ S ₂ Sn ₂ FW 639.93
2,5-Dibromo-N¹,N⁴-bis(2-ethylhexyl)benzene-1,4-diamine CAT# OC1605		CAS# / Formula C ₂₂ H ₃₈ Br ₂ N ₂ FW 490.36
5,5'-(2,5-Bis(bis(2-ethylhexyl)amino)-1,4-phenylene)bis(thiophene-2-carbaldehyde) CAT# OC1606		CAS# / Formula C ₄₈ H ₇₆ N ₂ O ₂ S ₂ FW 777.26
2,6,10-Tribromo-4,4,8,8,12,12-hexamethyl-8,12-dihydro-4H-benzo[1,9]quinolino[3,4,5,6,7-defg]acridine CAT# OC1900		CAS# [928642-02-8] Formula C ₂₇ H ₂₄ Br ₃ N FW 602.20
2-(3',5'-Difluoro-[1,1'-biphenyl]-4-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# OC1503		CAS# [2250042-17-0] Formula C ₁₈ H ₁₉ BF ₂ O ₂ FW 316.15
2-(2-(2-Methoxyethoxy)ethoxy)ethanamine CAT# OC1510		CAS# [74654-07-2] Formula C ₇ H ₁₇ NO ₃ FW 163.21

4-Bromo-2,2',3,3',4',5,5',6,6'-nonafluoro-1,1'-biphenyl CAT# OC1505		CAS# [1038-65-9] Formula C ₁₂ BrF ₉ FW 395.02
(E)-1,2-bis(9,9-dioctyl-9H-fluorene-2-yl)diazene OFLA CAT# OC4001		CAS# [1656266-53-3] Formula C ₅₈ H ₈₂ N ₂ FW 807.29
(1E,1'E)-2,2'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(1-(9,9-dioctyl-9H-fluorene-2-yl)diazene) OFL2A CAT# OC4002		CAS# / Formula C ₈₇ H ₁₂₂ N ₄ FW 1223.93
(E)-1,2-bis(7-((E)-9,9-dioctyl-9H-fluorene-2-yl)diazenyl)-9,9-dioctyl-9H-fluorene-2-yl)diazene OFL3A CAT# OC4003		CAS# / Formula C ₁₁₆ H ₁₆₂ N ₆ FW 1640.57
(1E,1'E)-2,2'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(1-(7-((E)-9,9-dioctyl-9H-fluorene-2-yl)diazenyl)-9,9-dioctyl-9H-fluorene-2-yl)diazene) OFL4A CAT# OC4004		CAS# / Formula C ₁₄₅ H ₂₀₂ N ₈ FW 2057.21
Lithium phenyl(2,4,6-trimethylbenzoyl)phosphinate CAT# OC2000		CAS# [85073-19-4] Formula C ₁₆ H ₁₆ LiO ₃ P FW 294.21
Methyl-1-(4-(pyren-1-yl)butyl)-1H-imidazol-3-ium bromo CAT# OC2020		CAS# / Formula C ₂₄ H ₂₃ BrN ₂ FW 419.36

1,4-Dibromodibenzo[c,pqr]tetraphene-7,14-dione	
Vat Orange 1	CAT# OC4010
	CAS# [1324-11-4] Formula C ₂₄ H ₁₀ Br ₂ O ₂ FW 487.90
1,3,5-Tribromo-2,4,6-trimethylbenzene	
CAT# OC4011	
	CAS# [608-72-0] Formula C ₉ H ₉ Br ₃ FW 356.88
Benzene, 1,1'-(1,8-octanediy)bis[4-bromo-	
CAT# OC4020	
	CAS# Formula C ₂₀ H ₂₄ Br ₂ FW 424.21
1-Bromo-4-(8-(4-vinylphenyl)octyl)benzene	
CAT# OC4021	
	CAS# Formula C ₂₂ H ₂₇ Br FW 371.35

Electrochromic Materials	
3,3-Bis(bromomethyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine	
CAT# EC001	
	CAS# [701209-98-5] Formula $C_9H_{10}Br_2O_2S$ FW 342.05
3,3-Bis(((2-ethylhexyl)oxy)methyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine	
CAT# EC002	
	CAS# [634591-75-6] Formula $C_{25}H_{44}O_4S$ FW 440.68
1,1'-(3,4-Dihydro-2H-thieno[3,4-b][1,4]dioxepine-3,3-diyl)bis(N,N-dimethylmethanamine)	
CAT# EC003	
	CAS# Formula $C_{13}H_{22}N_2O_2S$ FW 270.39
2,3-Bis(3,4-bis((2-octyldodecyl)oxy)phenyl)-5,8-bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)quinoxaline	
CAT# EC008	
	CAS# / Formula $C_{112}H_{182}N_2O_6S_2$ FW 1748.78