

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

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.

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.

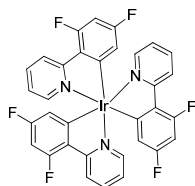
Important Notices:

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.

Phosphorescent Dopants-Blue

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

CAT# IR606

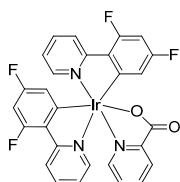


CAS# [387859-70-3]
Formula C₃₃H₁₈F₆IrN₃
FW 762.72

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

FIRPic

CAT# IR607

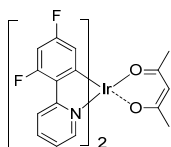


CAS# [376367-93-0]
Formula C₂₈H₁₆IrN₃O₂F₄
FW 694.67
 λ_{ab} 256, 380 nm (CH₂Cl₂)
 λ_{em} 468, 493 nm (CH₂Cl₂)

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

Ir(f-ppy)₂(acac)

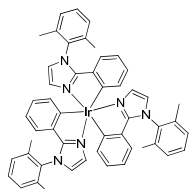
CAT# IR805



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

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

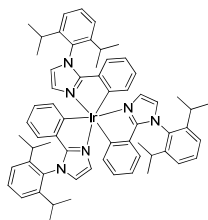
CAT# IR812



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,N] iridium(III)

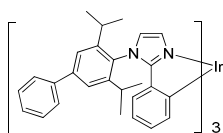
CAT# IR816



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,N] iridium(III)

CAT# IR817

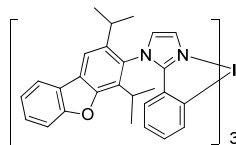


CAS# [1272505-63-1]
Formula C₈₁H₈₁IrN₆
FW 1330.77
 λ_{ab} 255, 351 nm (CH₂Cl₂)
 λ_{em} 474, 505 nm (CH₂Cl₂)

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

Ir(dbi)₃

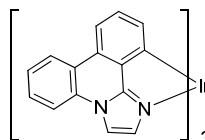
CAT# IR820



CAS# [1331833-06-7]
Formula C₈₁H₇₅IrN₆O₃
FW 1372.72
 λ_{ab} 288, 353 nm (CH₂Cl₂)
 λ_{em} 475, 505 nm (CH₂Cl₂)

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

CAT# IR840



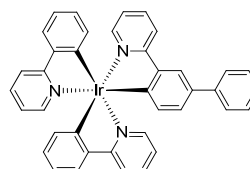
CAS#
Formula C₄₅H₂₇IrN₆
FW 843.95
 λ_{em} 458 nm (CH₂Cl₂)

Phosphorescent Dopants-Green

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

Ir(ppy)₂(m-bppy)

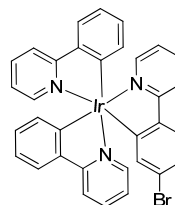
CAT# IR501



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

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

CAT# IR503

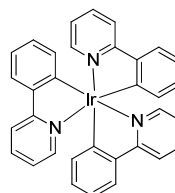


CAS# /
Formula C₃₃H₂₃BrIrN₃
FW 733.68

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

Ir(ppy)₃

CAT# IR504

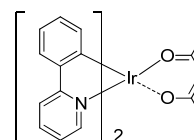


CAS# [94928-86-6]
Formula C₃₃H₂₄IrN₃
FW 654.78
 λ_{ab} 243, 283, 377 nm (CH₂Cl₂)
 λ_{em} 512 nm (CH₂Cl₂)

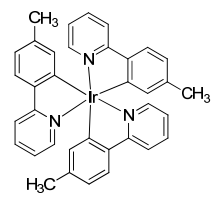
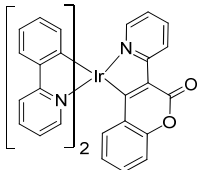
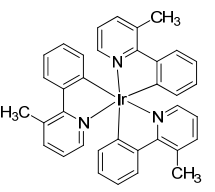
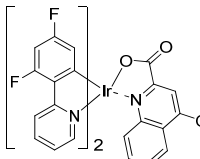
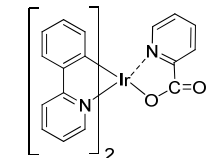
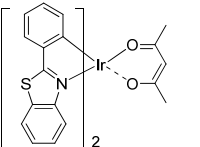
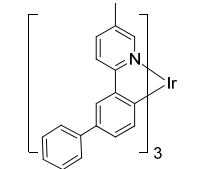
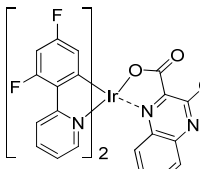
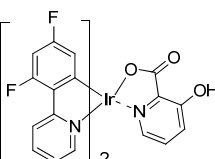
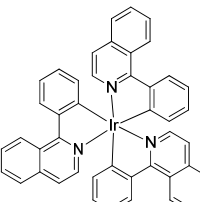
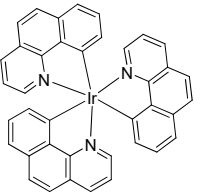
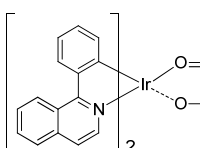
Bis(2-phenylpyridine-C²,N)(acetylacetonato)iridium(III)

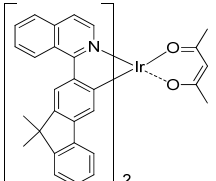
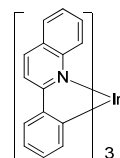
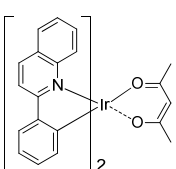
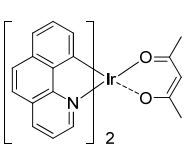
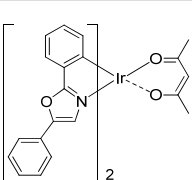
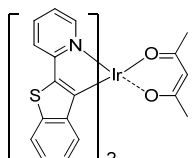
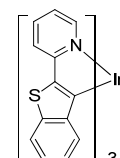
Ir(ppy)₂(acac)

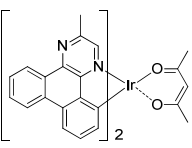
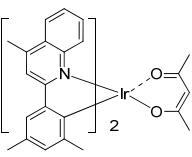
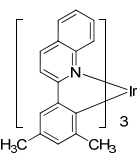
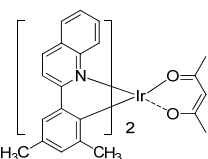
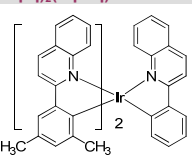
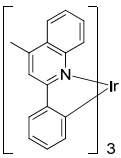
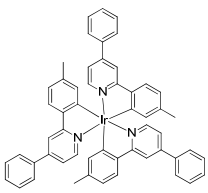
CAT# IR505



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

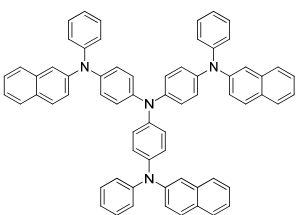
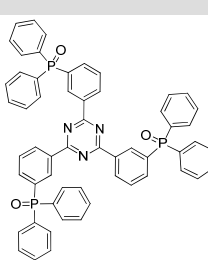
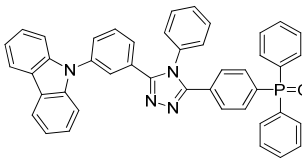
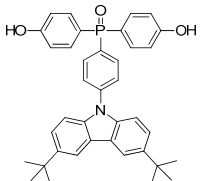
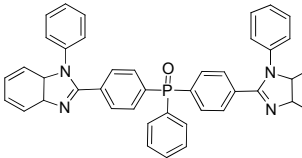
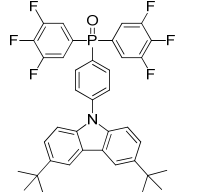
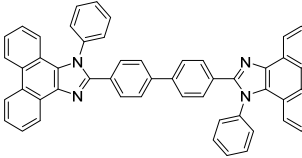
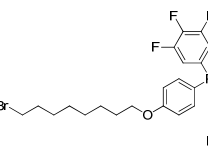
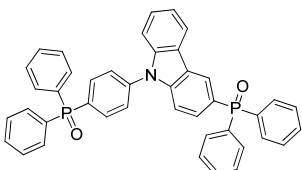
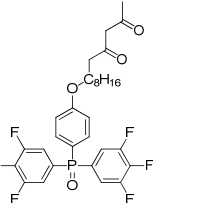
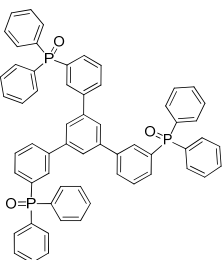
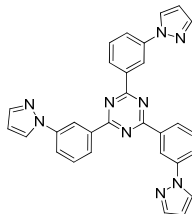
Tris(2-(p-tolyl)pyridine-C²,N)iridium(III) Ir(mppy)₃  CAS# [149005-33-4] Formula C₃₆H₃₀IrN₃ FW 696.86 λ_{ab} 248, 288, 373 nm (CH₂Cl₂) λ_{em} 513 nm (CH₂Cl₂)	Bis(2-phenylpyridine-C²,N)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III) Ir(ppy)₂pc  CAS# [1003562-42-2] Formula C₃₆H₂₄IrN₃O₂ FW 722.81 λ_{ab} 290, 339, 382 nm (CH₂Cl₂) λ_{em} 545 nm (CH₂Cl₂)
Tris(3-methyl-2-phenylpyridine-C²,N)iridium(III)  CAS# [359014-71-4] Formula C₃₆H₃₀IrN₃ FW 696.86	Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(2-carboxy-4-hydroxyquinoline)iridium(III)  CAS# Formula C₃₂H₁₈F₄IrN₃O₃ FW 760.73
Bis(2-phenylpyridine-C²,N)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III)  CAS# Formula C₂₈H₂₀IrN₃O₂ FW 622.70	Bis(2-phenylbenzothiazole-C²,N)(acetylacetonato)iridium(III) Ir(bt)₂(acac)  CAS# [337526-88-2] Formula C₃₁H₂₃IrN₂O₂S₂ FW 711.86 λ_{ab} 325, 356, 441 nm (acetonitrile) λ_{em} 562 nm (acetonitrile)
Tris(2-(biphenyl-3-yl)-5-methylpyridine)iridium(III)  CAS# / Formula C₅₄H₄₂IrN₃ FW 925.30 λ_{em} 512 nm (CH₂Cl₂)	Phosphorescent Dopants-Red Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(2-carboxy-3-hydroxyquinoxaline)iridium(III)  CAS# Formula C₃₁H₁₇F₄IrN₄O₃ FW 761.71
Phosphorescent Dopants-Yellow Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(3-hydroxy-2-carboxypyridyl)iridium(III)  CAS# Formula C₂₈H₁₆F₄IrN₃O₃ FW 710.67 λ_{ab} 253, 377 nm (CH₂Cl₂) λ_{em} 541 nm (CH₂Cl₂)	Tris(1-phenylisoquinoline-C²,N)iridium(III) Ir(piq)₃  CAS# [435293-93-9] Formula C₄₅H₃₀IrN₃ FW 804.96 λ_{ab} 321, 425 nm (CH₂Cl₂) λ_{em} 619 nm (CH₂Cl₂)
Tris(2-benzo[h]quinoline-C²,N)iridium(III) Ir(bzq)₃  CAS# [337526-98-4] Formula C₃₉H₂₄IrN₃ FW 726.84 λ_{ab} 292, 346, 415 nm (CH₂Cl₂) λ_{em} 553 nm (CH₂Cl₂)	Bis(1-phenylisoquinoline-C²,N)(acetylacetonato)iridium(III) Ir(piq)₂(acac)  CAS# [435294-03-4] Formula C₃₅H₂₇IrN₂O₂ FW 699.82 λ_{ab} 234, 282, 342, 478 nm (acetonitrile) λ_{em} 587 nm (acetonitrile)

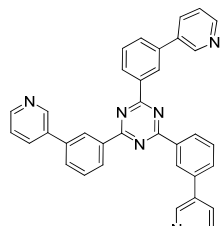
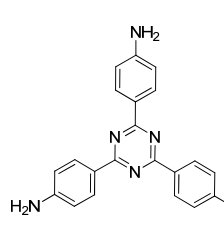
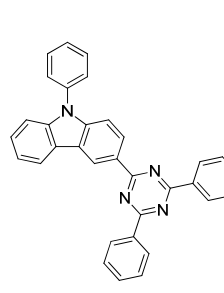
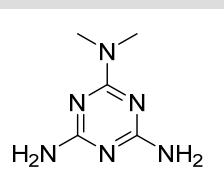
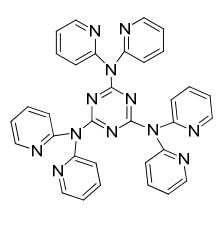
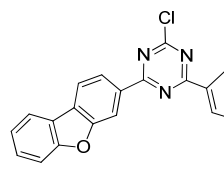
Bis(1-(9,9-dimethyl-9H-fluoren-2-yl)-isoquinoline-C²,N)(acetylacetonato)iridium(III) Ir(fliq)₂(acac)		CAT# IR721
	CAS# Formula C ₅₃ H ₄₃ IrN ₂ O ₂ FW 932.1 λ _{ab} 285, 368 nm (THF) λ _{em} 653 nm (THF)	
Tris(2-phenylquinoline-C²,N)iridium(III) Ir(2-phq)₃		CAT# IR728
	CAS# [911142-72-8] Formula C ₄₅ 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# [337526-87-1] 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# [344796-05-0] 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	

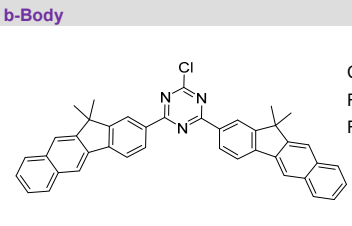
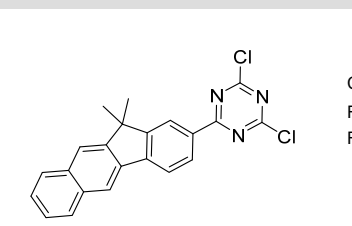
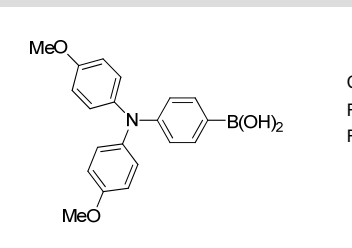
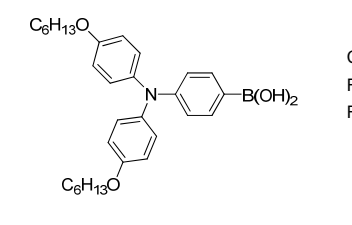
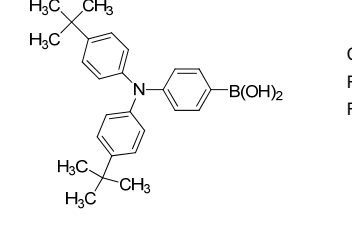
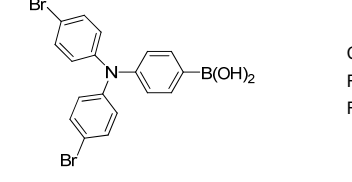
Bis(2-methyldibenzo[f,h]quinoxaline)(acetylacetonato)iridium(III) Ir(MDQ)₂(acac)		CAT# IR804
	CAS# [536755-34-7] Formula C ₃₉ H ₂₉ IrN ₄ O ₂ FW 778.22	
Bis(2-(3,5-dimethylphenyl)-4-methylquinoline-C²,N)(acetylacetonato)iridium(III)		CAT# IR809
	CAS# [1452863-84-1] Formula C ₄₁ H ₃₉ IrN ₂ O ₂ FW 783.98 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)	

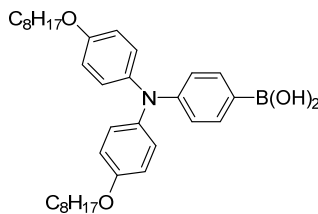
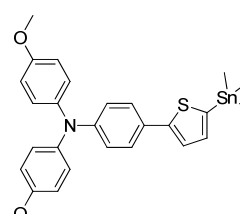
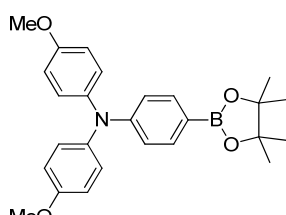
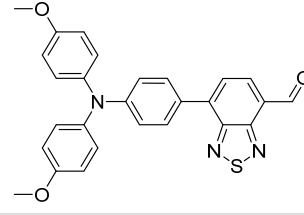
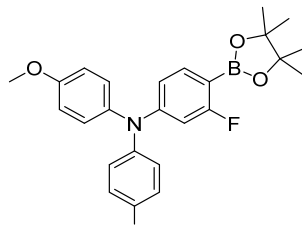
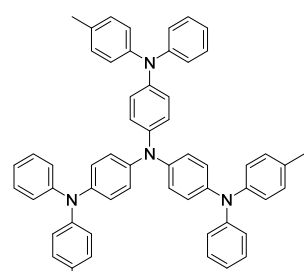
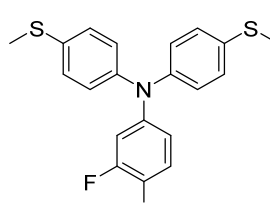
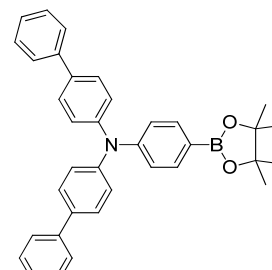
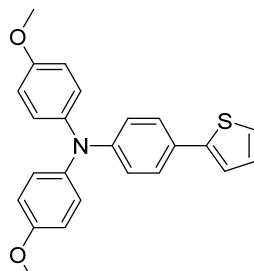
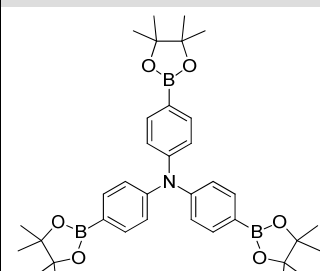
Tris[3-(2-pyridinyl-<i>k</i>N)[1,1'-biphenyl]-4-yl-<i>k</i>C]Iridium(III)	
CAT# IR951	
	CAS# [667935-20-8] Formula C ₅₁ H ₃₆ IrN ₃ FW 883.07
Tris[3-(5-methyl-2-pyridinyl-<i>k</i>N)[1,1'-biphenyl]-4-yl-<i>k</i>C]Iridium(III)	
CAT# IR952	
	CAS# [872856-45-6] Formula C ₅₄ H ₄₂ IrN ₃ FW 925.15
Phosphorescent Host Materials	
1,3-Bis(carbazol-9-yl)benzene	
MCP CAT# PH001	
	CAS# [550378-78-4] Formula C ₃₀ H ₂₀ N ₂ FW 408.49
1,3,5-Tris(carbazol-9-yl)benzene	
TCP CAT# PH002	
	CAS# [148044-07-9] Formula C ₄₂ H ₂₇ N ₃ FW 573.68
4,4',4''-Tris(carbazol-9-yl)triphenylamine	
TcTa CAT# PH003	
	CAS# [139092-78-7] Formula C ₅₄ H ₃₆ N ₄ FW 740.89

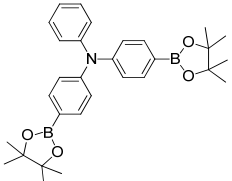
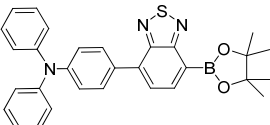
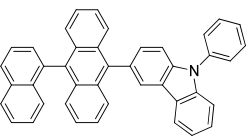
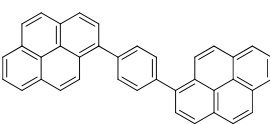
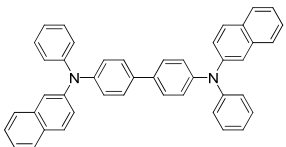
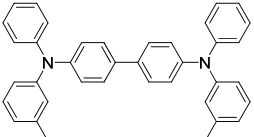
Tris(4-(9-(2-ethylhexyl)-9H-carbazol-2-yl)phenyl)amine	
CAT# PH013	
	CAS# [667935-20-8] Formula C ₇₈ H ₈₄ N ₄ FW 1077.53
4,4'-Bis(carbazol-9-yl)biphenyl	
CBP CAT# PH004	
	CAS# [58328-31-7] Formula C ₃₆ H ₂₄ N ₂ FW 484.59
3,3'-Di(9H-carbazol-9-yl)biphenyl	
mCBP CAT# PH005	
	CAS# [342638-54-4] Formula C ₃₆ H ₂₄ N ₂ FW 484.59
2,6-Di(9H-carbazol-9-yl)anthracene-9,10-dione	
CAT# PH007	
	CAS# [909712-63-6] Formula C ₃₈ H ₂₂ N ₂ O ₂ 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 C ₄₂ H ₂₈ N ₂ 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 C ₄₂ H ₂₈ N ₂ FW 560.69

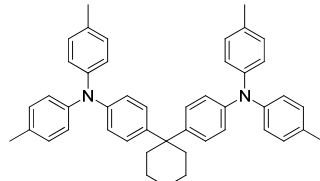
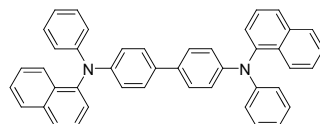
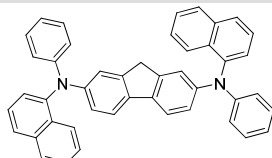
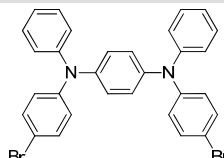
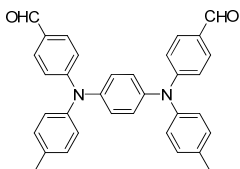
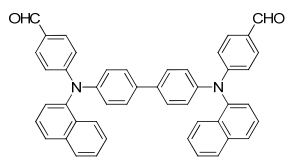
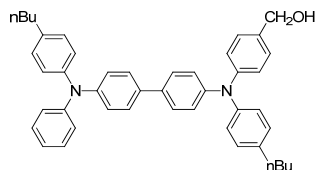
4,4',4''-Tris[2-naphthyl(phenyl)amino]triphenylamine 2-TNATA	((1,3,5-Triazine-2,4,6-triyl)tris(benzene-3,1-diyl))tris(diphenylphosphine oxide)
	
CAS# [185690-41-9] Formula $C_{66}H_{48}N_4$ FW 897.11	CAS# [1646906-26-4] Formula $C_{57}H_{42}N_3O_3P_3$ FW 909.88
9-(3-(5-(4-(Diphenylphosphoryl)phenyl)-4-phenyl-4<i>H</i>-1,2,4-triazol-3-yl)phenyl)-9<i>H</i>-carbazole	(4-(3,6-Di-<i>tert</i>-butyl-9<i>H</i>-carbazol-9-yl)phenyl)bis(4-hydroxyphenyl)phosphine oxide
	
CAS# [1426143-77-2] Formula $C_{44}H_{31}N_4OP$ FW 662.72	CAS# [1646906-26-4] Formula $C_{38}H_{38}NO_3P$ FW 587.69
Phenylbis(4-(1-phenyl-3<i>a</i>,7<i>a</i>-dihydro-1<i>H</i>-benzo[d]imidazol-2-yl)phenyl)phosphine oxide BIPO	(4-(3,6-Di-<i>tert</i>-butyl-9<i>H</i>-carbazol-9-yl)phenyl)bis(3,4,5-trifluorophenyl)phosphine oxide
	
CAS# [1426143-77-2] Formula $C_{44}H_{35}N_4OP$ FW 666.75	CAS# [1646906-26-4] Formula $C_{38}H_{32}F_6NOP$ FW 663.63
4,4'-Bis(1-phenyl-1<i>H</i>-phenanthro[9,10-<i>d</i>]imidazol-2-yl)-1,1'-biphenyl CAT# BPPI	(4-((8-Bromooctyl)oxy)phenyl)bis(3,4,5-trifluorophenyl)phosphine oxide
	
CAS# [1147081-46-6] Formula $C_{54}H_{34}N_4$ FW 738.87	CAS# [1646906-26-4] Formula $C_{26}H_{24}BrF_6O_2P$ FW 593.34
3-(Diphenylphosphoryl)-9-(4(diphenylphosphoryl)phenyl)-9<i>H</i>-carbazole	13-(4-(Bis(3,4,5-trifluorophenyl)phosphoryl)phenoxy)tridecane-2,4-dione
	
CAS# [1226860-68-9] Formula $C_{42}H_{31}NO_2P_2$ FW 643.65	CAS# [1646906-26-4] Formula $C_{31}H_{31}F_6O_4P$ FW 612.54
(5'-(3-(Diphenylphosphoryl)phenyl)-[1,1':3',1''-terphenyl]-3,3''-diyl)bis(diphenylphosphine oxide)	2,4,6-Tris(3-(1<i>H</i>-pyrazol-1-yl)phenyl)-1,3,5-triazine
	
CAS# [1311378-95-6] Formula $C_{60}H_{45}O_3P_3$ FW 906.92	CAS# [1646906-26-4] Formula $C_{30}H_{21}N_9$ FW 507.55

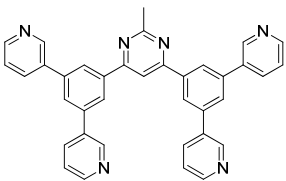
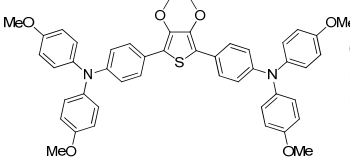
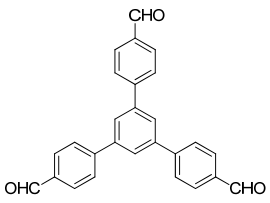
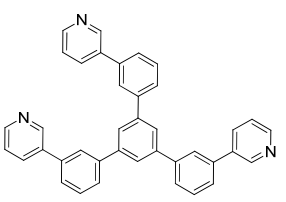
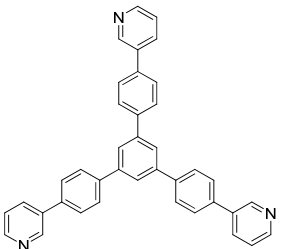
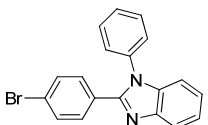
2,4,6-Tris(3-(pyridin-3-yl)phenyl)-1,3,5-triazine CAT# PH041	 CAS# [939430-26-9] Formula $C_{36}H_{24}N_6$ FW 540.62
4,4',4''-(1,3,5-Triazine-2,4,6-triyl)trianiline CAT# PH042	 CAS# [14544-47-9] Formula $C_{21}H_{18}N_6$ FW 354.41
3-(4,6-Diphenyl-1,3,5-triazin-2-yl)-9-phenyl-9H-carbazole CAT# PH043	 CAS# [1313391-57-9] Formula $C_{33}H_{22}N_4$ FW 474.55
N^2,N^2-dimethyl-1,3,5-triazine-2,4,6-triamine CAT# OC1508	 CAS# [1985-46-2] Formula $C_5H_{10}N_6$ FW 154.18
N^2,N^2,N^4,N^6,N^6-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[b,d]furan-3-yl)-1,3,5-triazine CAT# PH045	 CAS# / Formula $C_{27}H_{14}ClN_3O_2$ FW 447.87

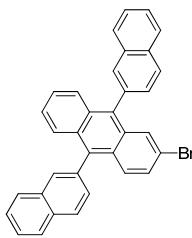
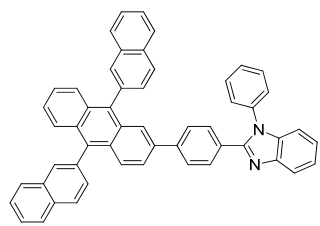
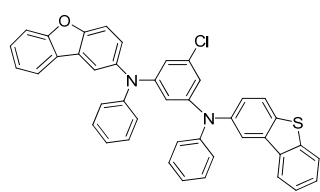
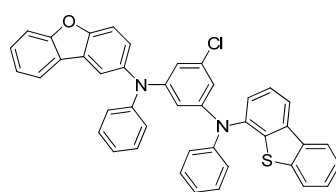
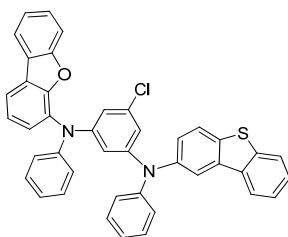
2-Chloro-4,6-bis(11,11-dimethyl-11H-benzo[b]fluoren-2-yl)-1,3,5-triazine b-Body CAT# PH046	 CAS# / Formula $C_{41}H_{30}ClN_3$ FW 600.16
2,4-Dichloro-6-(11,11-dimethyl-11H-benzo[b]fluoren-2-yl)-1,3,5-triazine CAT# PH049	 CAS# / Formula $C_{22}H_{15}Cl_2N_3$ FW 392.28
(4-(Bis(4-methoxyphenyl)amino)phenyl)boronic 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-(tert-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 $C_{18}H_{14}Br_2NO_2$ FW 446.93

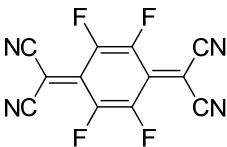
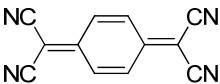
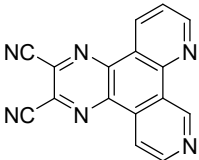
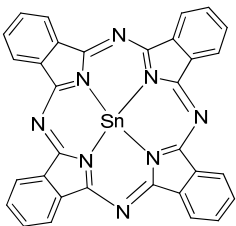
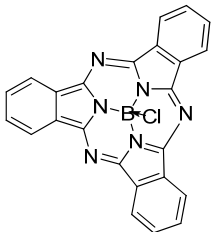
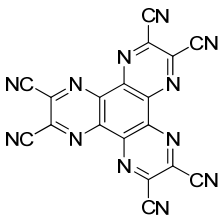
(4-(Bis(4-(octyloxy)phenyl)amino)phenyl)boronic acid CAT# BA055  CAS# Formula $C_{34}H_{48}BNO_4$ FW 545.56	4-Methoxy-N-(4-methoxyphenyl)-N-(4-(5-(trimethylstannyl)thiophen-2-yl)phenyl)aniline CAT# IN1960  CAS# Formula $C_{27}H_{29}NO_2SSn$ FW 550.30
4-Methoxy-N-(4-methoxyphenyl)-N-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)aniline CAT# BA060  CAS# [875667-84-8] Formula $C_{26}H_{30}BNO_4$ FW 431.33	7-(4-(Bis(4-methoxyphenyl)amino)phenyl)benzo[c][1,2,5]thiadiazole-4-carbaldehyde CAT# IN2059  CAS# [2131058-21-2] Formula $C_{27}H_{21}N_3O_3S$ FW 467.54
3-Fluoro-N,N-bis(4-methoxyphenyl)-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)aniline CAT# BA066  CAS# [2459726-22-6] Formula $C_{26}H_{29}BFNO_4$ FW 449.33	N¹-phenyl-N⁴,N⁴-bis(4-(phenyl(p-tolyl)amino)phenyl)-N¹-(p-tolyl)benzene-1,4-diamine CAT# IN2061  CAS# [124729-98-2] Formula $C_{57}H_{48}N_4$ FW 789.04
4-Bromo-3-fluoro-N,N-bis(4-(methylthio)phenyl)aniline CAT# IN1958  CAS# Formula $C_{20}H_{17}BrFNS_2$ FW 434.39	Bis-biphenyl-4-yl-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-phenyl]-amine CAT# BA061  CAS# [952431-30-0] Formula $C_{36}H_{34}BNO_2$ FW 523.47
4-Methoxy-N-(4-methoxyphenyl)-N-(4-(thiophen-2-yl)phenyl)aniline CAT# IN1959  CAS# Formula $C_{24}H_{21}NO_2S$ FW 387.49	Tris(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)amine CAT# BA062  CAS# [267221-90-9] Formula $C_{36}H_{48}B_3NO_6$ FW 623.20

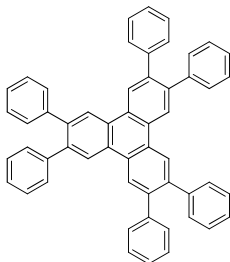
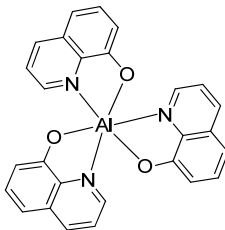
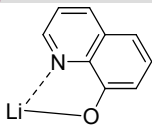
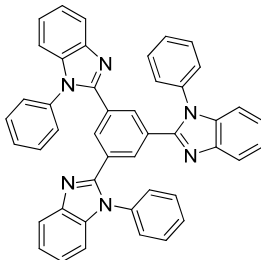
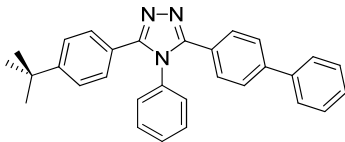
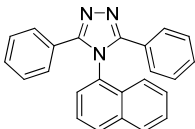
N-phenyl-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-N-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)aniline	
CAT# BA064	
	CAS# [267221-89-6] Formula $C_{30}H_{37}B_2NO_4$ FW 497.24
N,N-diphenyl-4-(7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)aniline	
CAT# BA063	
	CAS# [1883615-46-0] Formula $C_{30}H_{26}BN_3O_2S$ FW 505.44
Fluorescent Dopants	
9-(9-phenylcarbazole-3-yl)-10-(naphthalene-1-yl)anthracene	
CAT# FD001	
	CAS# Formula $C_{42}H_{27}N$ FW 545.67
Fluorescent Host Materials	
1,4-Di(pyren-1-yl)benzene	
CAT# FH001	
	CAS# [475460-77-6] Formula $C_{38}H_{22}$ FW 478.58
Hole Transport Materials	
N,N'-Bis(naphthalen-2-yl)-N,N'-bis(phenyl)-benzidine	
β-NPB CAT# HT005	
	CAS# [139255-17-7] Formula $C_{44}H_{32}N_2$ FW 588.74 λ_{ab} 349 nm (THF) λ_{em} 416 nm (THF)
N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)benzidine	
TPD CAT# HT006	
	CAS# [65181-78-4] Formula $C_{38}H_{32}N_2$ FW 516.7

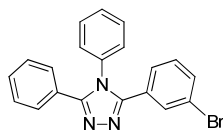
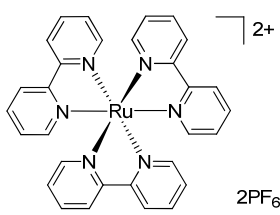
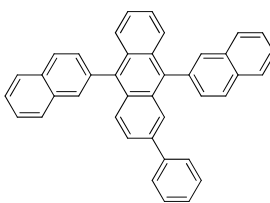
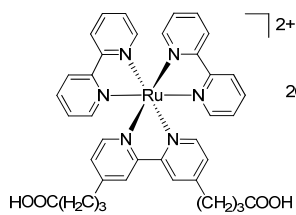
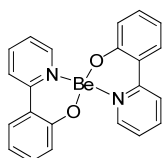
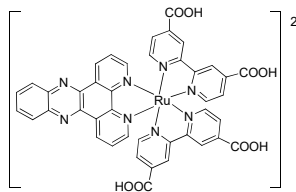
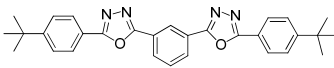
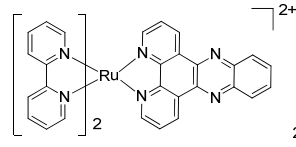
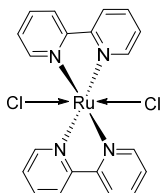
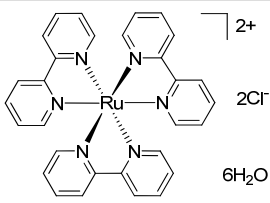
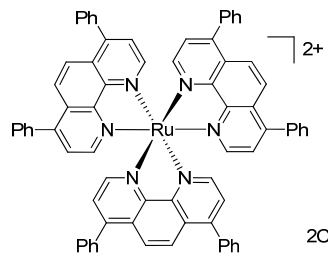
1,1'-Bis(4-(dip-tolyamino)phenyl)cyclohexane	
TAPC CAT# HT007	
	CAS# [58473-78-2] Formula $C_{46}H_{46}N_2$ FW 626.87
N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-benzidine	
α-NPB CAT# HT008	
	CAS# [123847-85-8] Formula $C_{44}H_{32}N_2$ FW 588.74
N,N'-Di(naphthalen-1-yl)-N,N'-diphenyl-9H-fluorene-2,7-diamine	
CAT# HT010	
	CAS# [273381-61-6] Formula $C_{45}H_{32}N_2$ FW 600.75
N',N'-bis(4-bromophenyl)-N',N'-diphenylbenzene-1,4-diamine	
CAT# IN1300	
	CAS# [525602-17-9] Formula $C_{30}H_{22}Br_2N_2$ FW 570.32
4,4'-(1,4-Phenylenebis(p-tolylazanediy))dibenzaldehyde	
CAT# IN1301	
	CAS# [131660-39-4] Formula $C_{34}H_{28}N_2O_2$ FW 496.60
4,4'-(Biphenyl-4,4'-diylbis(1-naphthalene-1-ylazanediy))dibenzaldehyde	
CAT# IN1303	
	CAS# [854938-56-0] Formula $C_{46}H_{32}N_2O_2$ FW 644.76
(4-((4-Butylphenyl)(4'-((4-butylphenyl)(phenyl)amino)biphenyl-4-yl)amino)phenyl)methanol	
CAT# IN1005	
	CAS# [275793-98-1] Formula $C_{45}H_{46}N_2O$ FW 630.86

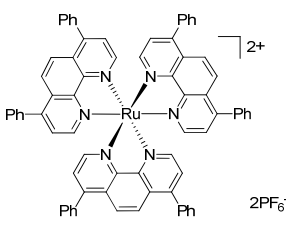
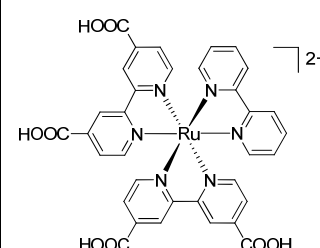
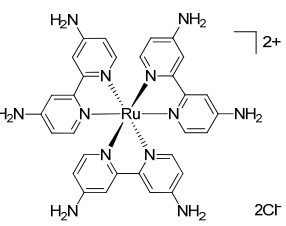
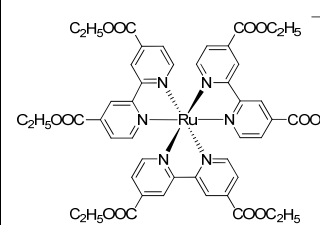
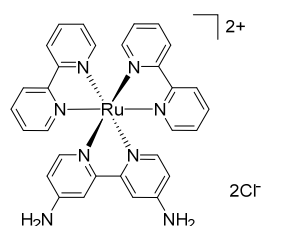
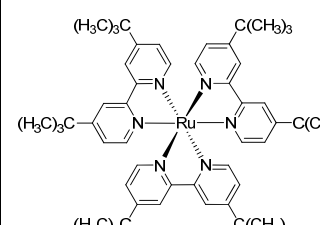
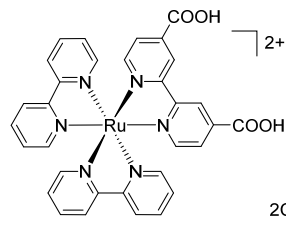
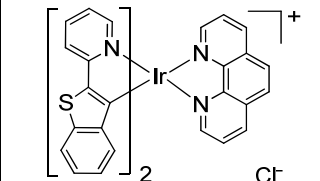
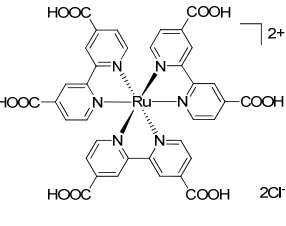
4,6-Bis(3,5-di(pyridin-3-yl)phenyl)-2-methylpyrimidine	
CAT# HT012	
	CAS# [925425-96-3] Formula C ₃₇ H ₂₆ N ₆ FW 554.64
4,4'-(2,3-Dihydrothieno[3,4-b][1,4]dioxine-5,7-diyl)bis(N,N-bis(4-methoxyphenyl)aniline)	
CAT# HT035	
	CAS# [1622008-73-4] Formula C ₄₆ H ₄₀ N ₂ O ₆ S FW 748.88
5'-(4-Formylphenyl)-[1,1':3',1''-terphenyl]-4,4''-dicarbaldehyde	
CAT# HT014	
	CAS# [118688-53-2] Formula C ₂₇ H ₁₈ O ₃ FW 390.43
1,3,5-Tri(m-pyrid-3-yl-phenyl)benzene	
CAT# HT015	
	CAS# [921205-03-0] Formula C ₃₉ H ₂₇ N ₃ FW 537.65
1,3,5-Tri(p-pyrid-3-yl-phenyl)benzene	
CAT# HT016	
	CAS# [921205-02-9] Formula C ₃₉ H ₂₇ N ₃ FW 537.65
2-(4-Bromophenyl)-1-phenyl-1H-benzo[d]imidazole	
CAT# HT017	
	CAS# [2620-76-0] Formula C ₁₉ H ₁₃ BrN ₂ FW 349.22

2-Bromo-9,10-di(naphthalen-2-yl)anthracene	
CAT# HT019	
	CAS# [474688-76-1] Formula C ₃₄ H ₂₁ Br 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 C ₅₃ H ₃₄ N ₂ FW 698.85
5-Chloro-N'-(dibenzo[b,d]furan-2-yl)-N³-(dibenzo[b,d]thiophen-2-yl)-N',N³-diphenylbenzene-1,3-diamine	
CAT# HT042	
	CAS# / Formula C ₄₂ H ₂₇ ClN ₂ OS FW 643.19
5-Chloro-N'-(dibenzo[b,d]furan-2-yl)-N³-(dibenzo[b,d]thiophen-4-yl)-N',N³-diphenylbenzene-1,3-diamine	
CAT# HT043	
	CAS# / Formula C ₄₂ H ₂₇ ClN ₂ OS FW 643.19.
5-Chloro-N'-(dibenzo[b,d]furan-4-yl)-N³-(dibenzo[b,d]thiophen-2-yl)-N',N³-diphenylbenzene-1,3-diamine	
CAT# HT044	
	CAS# / Formula C ₄₂ H ₂₇ ClN ₂ OS FW 643.19

Hole Injection Materials		
2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane		
F4-TCNQ		CAT# HI003
	CAS# [29261-33-4] Formula $C_{12}F_4N_4$ FW 276.15	
(2,5-Cyclohexadiene-1,4-diylidene)-dimalononitrile		
TCNQ		CAT# HI004
	CAS# [1518-16-7] Formula $C_{12}H_4N_4$ FW 204.19	
Pyrazino[2,3-f][1,10]phenanthroline-2,3-dicarbonitrile		
PPDN		CAT# HI005
	CAS# [215611-93-1] Formula $C_{16}H_6N_6$ FW 282.26	
Tin(II) Phthalocyanine		
SnPC		CAT# HI006
	CAS# [15304-57-1] Formula $C_{32}H_{16}N_8Sn$ FW 631.23	
Boron subphthalocyanine chloride		
SubPc		CAT# HI007
	CAS# [36530-06-0] Formula $C_{24}H_{12}BN_3Cl$ FW 430.66	
Hexaazatriphenylenehexacarbonitrile		
HAT-CN		CAT# HI010
	CAS# [105598-27-4] Formula $C_{18}N_{12}$ FW 384.27	

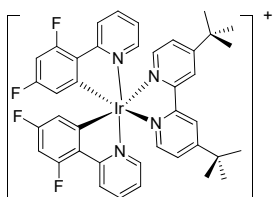
Electron Injection Materials		
2,3,6,7,10,11-Hexaphenyltriphenylene		
		CAT# EI003
	CAS# [836671-27-3] Formula $C_{54}H_{36}$ FW 684.86	
Electron Transport Materials		
Tris(8-hydroxyquinolato)aluminum		
Alq3		CAT# ET001
	CAS# [2085-33-8] Formula $C_{27}H_{18}AlN_3O_3$ FW 459.43	
8-Hydroxyquinolinolato-lithium		
Liq		CAT# ET002
	CAS# [850918-68-2] Formula C_9H_6LiNO FW 151.09	
2,2',2''-(1,3,5-Benzenetriyl)tris(1-phenyl-1H-benzimidazole)		
TPBi		CAT# ET003
	CAS# [192198-85-9] Formula $C_{45}H_{30}N_6$ 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	Tris(2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate CAT# RU001001001PF6
 CAS# [1388231-53-5] Formula $C_{20}H_{14}BrN_3$ FW 376.25	 CAS# [60804-74-2] Formula $C_{30}H_{24}F_{12}N_6P_2Ru$ FW 859.54
2-Phenyl-9,10-di(naphthalen-2-yl)-anthracene PADN CAT# ET006	Bis(2,2'-bipyridyl)(2,2'-bipyridine-4,4'-dibutanoic acid)ruthenium(II) dichloride CAT# RU001001442Cl
 CAS# [865435-20-7] Formula $C_{40}H_{26}$ FW 506.63 λ_{ab} 284 nm (CH_2Cl_2) λ_{em} 440 nm (CH_2Cl_2)	 CAS# [60804-74-2] Formula $C_{38}H_{36}Cl_2N_6O_4Ru$ FW 812.8
Bis(2-(2-hydroxyphenyl)-pyridine)beryllium Be(PP)₂ CAT# ET007	Bis(4,4'-Dicarboxyl-2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride CAT# RU111029029Cl
 CAS# [220694-90-6] Formula $C_{22}H_{18}BeN_2O_2$ FW 349.39	 CAS# [220694-90-6] Formula $C_{42}H_{26}Cl_2N_8O_8Ru$ FW 942.6
2,2'-(1,3-Phenylene)bis[5-(4-tert-butylphenyl)-1,3,4-oxadiazole] CAT# ET010	Bis(2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium (II) dichloride CAT# RU001001111Cl
 CAS# [138372-67-5] Formula $C_{30}H_{30}N_4O_2$ FW 478.58	 CAS# [155659-28-2] Formula $C_{38}H_{26}Cl_2N_8Ru$ FW 766.64
LEEC (Light Emitting Electrochemical Cell)	
Cis-Dichlorobis(2,2'-bipyridine)ruthenium (II) RU(bpy)₂Cl₂ CAT# RU001001Cl2	Tris(2,2'-bipyridyl)ruthenium(II)dichloride hexahydrate CAT# RU001001001Cl
 CAS# [98014-14-3] Formula $C_{20}H_{18}Cl_2N_4ORU$ FW 502.36	 CAS# [50525-27-4] Formula $C_{30}H_{24}Cl_2N_6Ru \cdot 6H_2O$ FW 748.62
Tris(2,2'-bipyridyl)ruthenium(II)dichloride hexahydrate CAT# RU001001001Cl	Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) dichloride CAT# RU088088088Cl
	 CAS# [36309-88-3] Formula $C_{72}H_{48}N_6Cl_2Ru$ FW 1169.17

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	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([2,2'-bipyridine]-4,4'-diamine)ruthenium(II)dichloride CAT# RU019019019Cl  CAS# / Formula $C_{33}H_{38}Cl_2N_{12}Ru$ FW 774.71	Tris(4,4'-diethoxycarbonyl-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate CAT# RU037037037PF6  CAS# Formula $C_{48}H_{48}F_{12}N_6O_{12}P_2Ru$ FW 1291.92
Bis(2,2'-bipyridyl)([2,2'-bipyridine]-4,4'-diamine)ruthenium(II) dichloride CAT# RU019001001Cl  CAS# / Formula FW	Tris(4,4'-di-tertbutyl-2,2'-bipyridyl)ruthenium(II) dichloride CAT# RU030030030Cl  CAS# [808143-93-3] Formula $C_{54}H_{72}N_6Cl_2Ru$ FW 977.18
Bis(2,2'-bipyridyl)(4,4'-dicarboxyl-2,2'-bipyridyl)ruthenium(II) dichloride CAT# RU029001001Cl  CAS# 68846-36-6 CAS# [258334-13-3] Formula $C_{32}H_{23}ClN_6O_4Ru$ FW 692.09	Bis(2-(benzo[b]thiophen-2-yl)pyridyl-C²,N')(2-Benzo[h]quinoline) iridium(III) chloride CAT# IR068629629Cl  CAS# Formula $C_{38}H_{24}N_4S_2ClIr$ FW 828.1 λ_{em} 522 nm (acetonitrile)
Tris(4,4'-dicarboxylicacid-2,2'-bipyridyl)ruthenium(II) dichloride Ru(dcbpy)3Cl2 CAT# RU029029029Cl  CAS# [97333-46-5] Formula $C_{36}H_{24}N_6O_{12}Cl_2Ru$ FW 904.59	

Bis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N)(4,4'-Di-*tert*-butyl-[2,2']bipyridinyl) iridium(III)hexafluorophosphate

CAT# Ir(fppy)2(dtbbpy)PF6

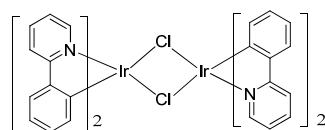


PF₆⁻ CAS#
Formula C₄₀H₃₆F₁₀IrN₄P
FW 985.0

Dichloro-bridged Iridium(III) Complexes

Tetrakis(2-phenylpyridine- C^2,N')(μ -dichloro)diiridium(III)

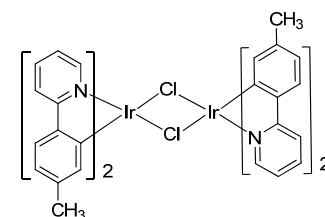
CAT# 2IR601



CAS# [92220-65-0]
Formula C₄₄H₃₂Cl₂Ir₂N₄
FW 1072.09

Tetrakis(2-(*p*-tolyl)pyridine- C^2,N')(μ -dichloro)diiridium(III)

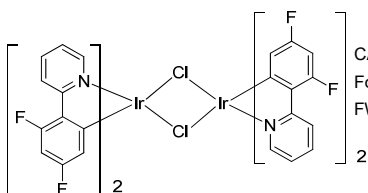
CAT# 2IR602



CAS#
Formula C₄₈H₄₀Cl₂Ir₂N₄
FW 1128.22

Tetrakis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N)(μ -dichloro)diiridium(III)

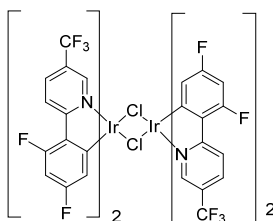
CAT# 2IR604



CAS# [562824-27-5]
Formula C₄₄H₂₄Cl₂Ir₂N₄F₈
FW 1216.02

Iridium, di- μ -chlorotetrakis[3,5-difluoro-2-[5-(trifluoromethyl)-2-pyridinyl- κN]phenyl- κC]di-

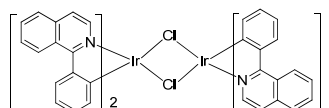
CAT# 2IR648



CAS# [870987-64-7]
Formula
FW

Tetrakis(1-phenylisoquinoline- C^2,N')(μ -dichloro)diiridium(III)

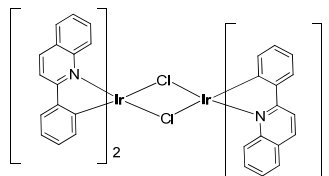
CAT# 2IR617



CAS#
Formula C₆₀H₄₀Cl₂Ir₂N₄
FW 1272.33

Tetrakis(2-phenylquinoline- C^2,N')(μ -dichloro)diiridium(III)

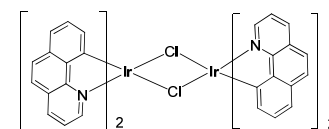
CAT# 2IR618



CAS#
Formula C₆₀H₄₀Cl₂Ir₂N₄
FW 1272.33

Tetrakis(benzo[*h*]quinoline- C^2,N')(μ -dichloro)diiridium(III)

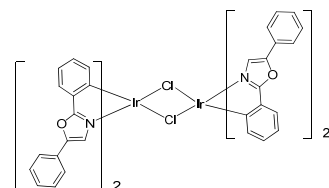
CAT# 2IR621



CAS#
Formula C₅₂H₃₂Cl₂Ir₂N₄
FW 1168.18

Tetrakis(2,5-diphenyloxazole- C^2,N')(μ -dichloro)diiridium(III)

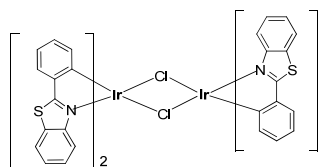
CAT# 2IR624



CAS#
Formula C₆₀H₄₀Cl₂Ir₂N₄O₄
FW 1336.32

Tetrakis(2-phenylbenzothiazole- C^2,N')(μ -dichloro)diiridium(III)

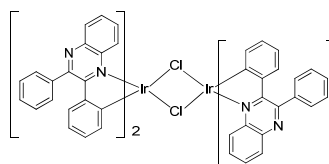
CAT# 2IR625



CAS#
Formula C₅₂H₃₂Cl₂Ir₂N₄S₄
FW 1296.44

Tetrakis(2,3-diphenylquinoxaline- C^2,N')(μ -dichloro)diiridium(III)

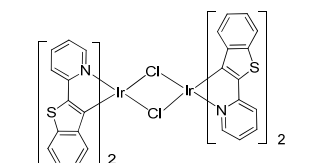
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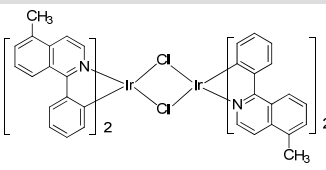
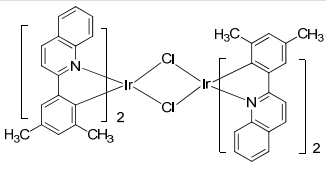
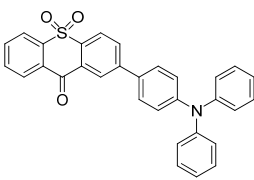
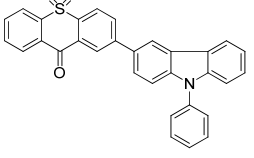
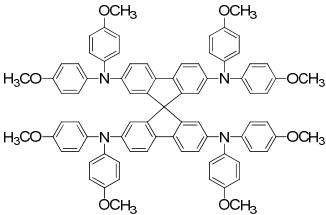
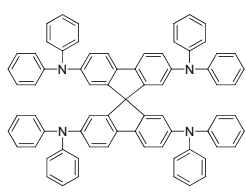
CAS#
Formula C₈₀H₅₂Cl₂Ir₂N₈
FW 1580.66

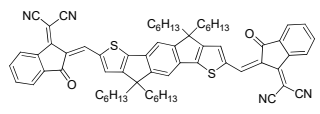
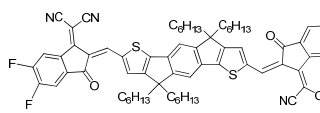
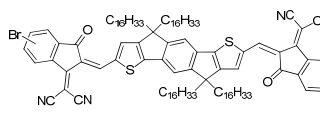
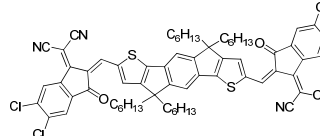
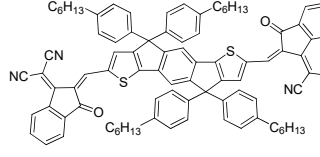
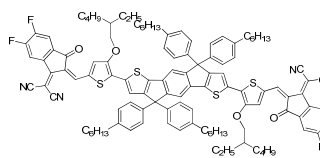
Tetrakis(2-(benzo[*b*]thiophen-2-yl)pyridine- C^2,N')(μ -dichloro)diiridium(III)

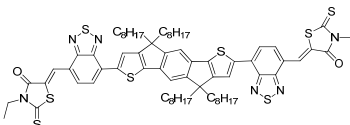
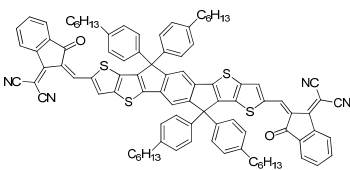
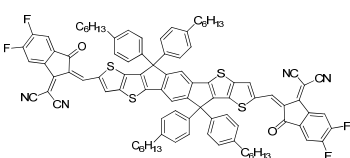
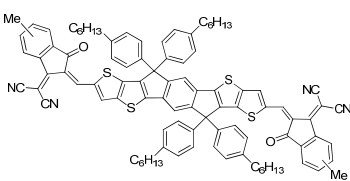
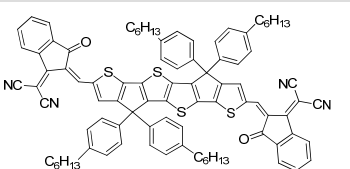
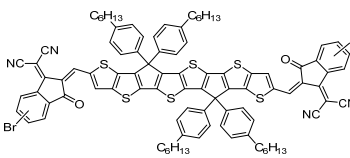
CAT# 2IR629

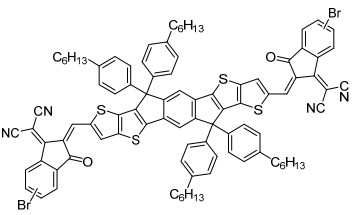
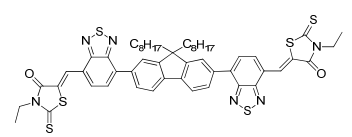
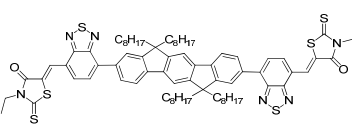
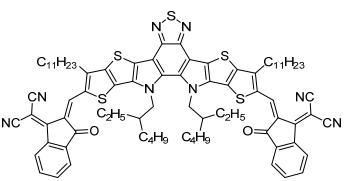
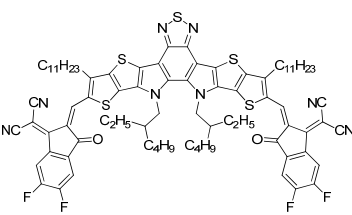


CAS#
Formula C₅₂H₃₂Cl₂Ir₂N₄S₄
FW 1296.44

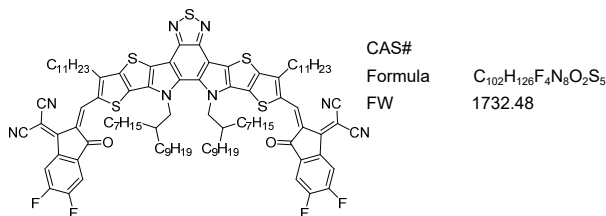
Tetrakis(5-methyl-1-phenylisoquinoline-C²,N')(μ-dichloro) diiridium(III) CAT# 2IR632	
	CAS# Formula C ₆₄ H ₄₈ Cl ₂ Ir ₂ N ₄ FW 1328.46
Tetrakis(2-(3,5-Dimethylphenyl)quinoline-C²,N')(μ-dichloro) diiridium(III) CAT# 2IR633	
	CAS# Formula C ₆₈ H ₅₆ Cl ₂ Ir ₂ N ₄ FW 1384.54
TADF Materials	
2-[4-(Diphenylamino) phenyl]-10, 10-dioxide-9H-thioxanthen-9-one TXO-TPA CAT# TF001	
	CAS# [1623010-63-8] Formula: C ₃₁ H ₂₁ NO ₃ S FW: 487.57 UV: 396 nm (in Toluene) PL: 625 nm (film) TGA: >250 °C (0.5% weight loss)
2-(9-Phenyl-9H-carbazol-3-yl)-10,10-dioxide-9H-thioxanthen-9-one TXO-PhCz CAT# TF002	
	CAS# [1623010-64-9] Formula: C ₃₁ H ₁₉ NO ₃ S FW: 485.55 UV: 415 nm (in Toluene) PL: 570 nm (film) TGA: >250 °C (0.5% weight loss)
OPV & OTFT Materials/ Monomer/ Intermediates	
2,2',7,7'-Tetrakis(N,N-p-dimethoxyphenylamino)-9,9'-spirobifluorene Spiro-MeOTAD CAT# OP001	
	CAS# [207739-72-8] Formula: C ₈₁ H ₆₈ N ₄ O ₈ FW: 1225.43
N²,N^{2'},N^{2''},N^{2'''},N⁷,N^{7'},N^{7''},N^{7'''}-octaphenyl-9,9'-spirobi[fluorene]-2,2',7,7'-tetraamine Spiro-TAD CAT# OP005	
	CAS# [189363-47-1] Formula C ₇₃ H ₅₂ N ₄ FW 985.22

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-diylidene)dimalononitrile IDIC CAT# OP011	
	CAS# [1883441-92-6] Formula C ₆₆ H ₆₆ N ₄ O ₂ S ₂ FW 1011.39
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-diylidene)dimalononitrile IDIC-4F CAT# OP012	
	CAS# [2229934-71-6] Formula C ₆₆ H ₆₂ F ₄ N ₄ O ₂ S ₂ FW 1083.35
IDIC-C16-Br CAT# OP013	
	CAS# / Formula C ₆₆ H ₆₄ Br ₂ N ₄ O ₂ S ₂ FW 1169.18
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-diylidene)dimalononitrile IDIC-4Cl CAT# OP014	
	CAS# Formula C ₆₆ H ₆₂ Cl ₄ N ₄ O ₂ S ₂ FW 1149.17
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-diylidene)dimalononitrile IDT-IC CAT# OP021	
	CAS# [2095504-33-7] Formula C ₉₀ H ₈₂ N ₄ O ₂ S ₂ FW 1315.77
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-ethylhexyl)oxy)thiophene-5,2-diyl))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)dimalononitrile IEICO-4F CAT# OP023	
	CAS# [2089044-02-8] Formula C ₁₁₄ H ₁₁₄ F ₄ N ₄ O ₄ S ₄ FW 1808.40

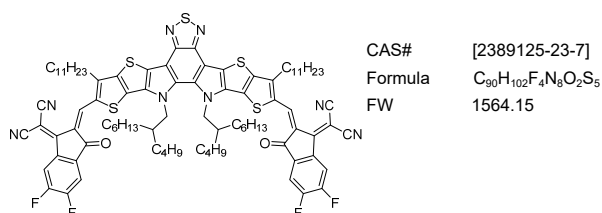
(5Z,5'Z)-5,5'-((7,7'-(4,4,9,9-tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylylidene))bis(3-ethylthiazolidine-2,4-dione) IDTBR		CAT# OP025	
	CAS#	[2077945-91-4]	
	Formula	C ₇₂ H ₈₈ N ₆ O ₂ S ₈	
	FW	1326.03	
2,2'-[[6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-diyl]bis[methyldiyn(3-oxo-1H-indene-2,1(3H)-diylidene)]]bispropanedinitrile ITIC		CAT# OP031	
	CAS#	[1664293-06-4]	
	Formula	C ₉₄ H ₈₂ N ₄ O ₂ S ₄	
	FW	1427.94	
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 IT-4F, ITIC-2F		CAT# OP032	
	CAS#	[2097998-59-7]	
	Formula	C ₉₄ H ₇₈ F ₄ N ₄ O ₂ S ₄	
	FW	1499.90	
IT-M		CAT# OP035	
	CAS#	[2107971-73-1]	
	Formula	C ₉₆ H ₈₆ N ₄ O ₂ S ₄	
	FW	1456.00	
Propanedinitrile, 2, 2'-[[4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydrothie no[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thi eno[2,3-d]thiophene-2,7-diyl]bis[methyldiyn(3-oxo-1H-indene-2,1(3H)-diylidene)]]bis- IHIC		CAT# OP040	
	CAS#	[2127354-15-6]	
	Formula	C ₉₀ H ₈₀ N ₄ O ₂ S ₄	
	FW	1377.88	
6-TIC-mix		CAT# OP037	
	CAS#		
	Formula		
	FW		

IT-2Br IT-2Br		CAT# OP036	
	CAS#	[2229951-03-3] Or [2408481-68-3]	
	Formula	C ₉₄ H ₈₀ N ₄ O ₂ S ₆	
	FW	1490.06	
(5Z,5'Z)-5,5'-((7,7'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(benzo[c][1,2,5]t hiadiazole-7,4-diyl))bis(methanylylidene))bis(3-ethyl-2-thioxothiazolid in-4-one) FBR		CAT# OP045	
	CAS#	[1644381-95-2]	
	Formula	C ₅₃ H ₅₆ N ₆ O ₂ S ₆	
	FW	1001.44	
(5Z,5'Z)-5,5'-((7,7'-(6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluor ene-2,8-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylylide ne))bis(3-ethyl-2-thioxothiazolidin-4-one) IDFBR		CAT# OP048	
	CAS#	[2088628-64-0]	
	Formula	C ₇₆ H ₉₂ N ₆ O ₂ S ₆	
	FW	1313.97	
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]th ieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(3- oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile Y5		CAT# OP049	
	CAS#	[2304444-48-0]	
	Formula	C ₈₂ H ₉₀ N ₈ O ₂ S ₅	
	FW	1379.98	
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]th ieno[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 Y6		CAT# OP050	
	CAS#	[2304444-49-1]	
	Formula	C ₈₂ H ₈₆ F ₄ N ₈ O ₂ S ₅	
	FW	1451.93	

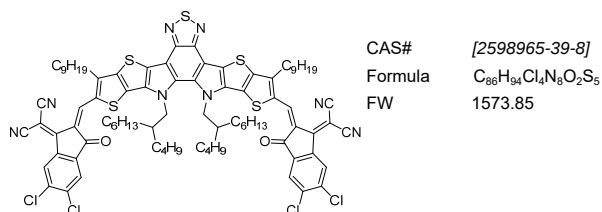
2,2'-((2Z,2'Z)-((12,13-bis(2-heptylundecyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

HU-Y6
CAT# OP053


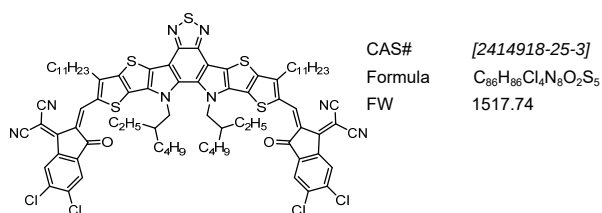
2,2'-((2Z,2'Z)-((12,13-bis(2-butylloctyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

BTP-4F-12, Y6-BO, Y12
CAT# OP054


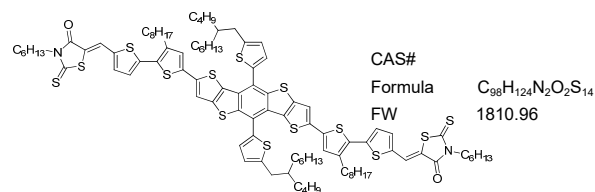
2,2'-[[12,13-Bis(2-butylloctyl)-12,13-dihydro-3,9-dinonylbisthieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-e:2',3'-g][2,1,3]benzothiadiazole-2,10-diyl]bis(methanylylidene)]bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)]bis[propanedinitrile]

BTP-eC9
CAT# OP051


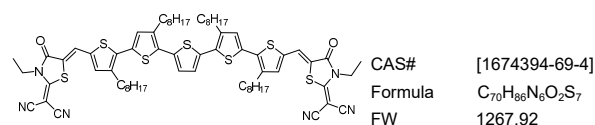
2,2'-((2Z,2'Z)-((12,13-bis(2-butylloctyl)-3,9-dinonyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

Y7, BTP-4Cl, Y6Cl, TPTTI-4Cl
CAT# OP055


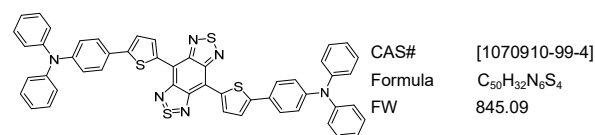
2,7-(2-(3-Hexyl-2-thioxothiazolidin-4-one-yl)-(5-thiophene-yl))-5,10-bis(2-butyloctylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene

ZR1
CAT# ZR1


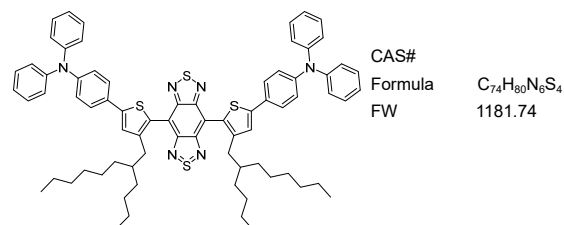
2,2'-((5Z,5'Z)-((3,3'',3''',4'-tetraoctyl-[2,2':5,2'':5'',2''':5''',2''''-quinquethiophene]-5,5''''-diyl)bis(methanylylidene))bis(3-ethyl-4-oxothiazolidin e-5,2-diylidene))dimalononitrile

DCRN5T
CAT# OP065


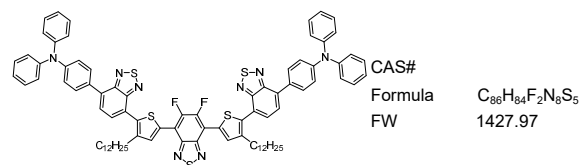
4,4'-Benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole-4,8-diyl-di-5,2-thiophenediyl)bis[N,N-bis(phenyl)benzenamine

CAT# OP062


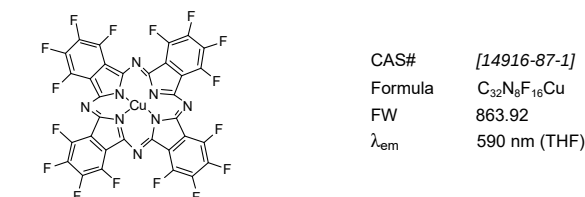
4,4'-Benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole-4,8-diyl-di-5,2-[3-(2-butylloctyl)thiophene]-diyl)bis[N,N-bis(4-phenyl) benzenamine

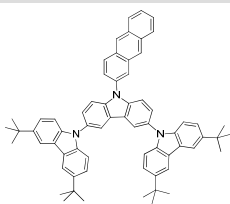
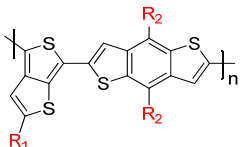
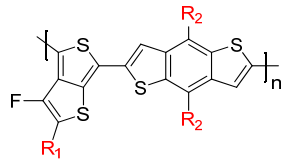
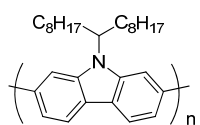
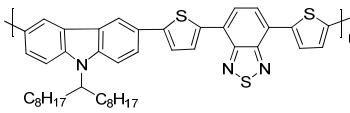
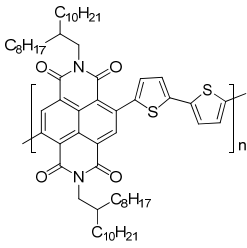
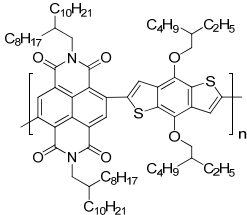
CAT# OP064


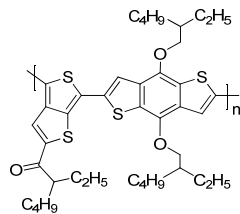
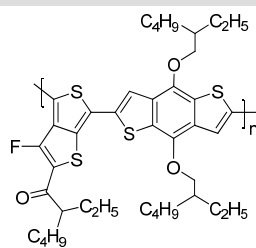
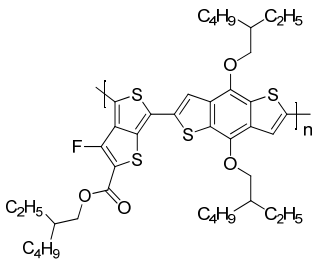
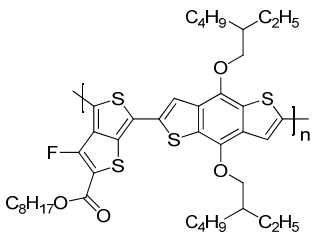
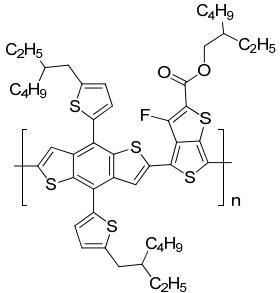
4,4'-(((5,6-Difluorobenzo[c][1,2,5]thiadiazole-4,7-diyl)bis(3-dodecylthiophene-5,2-diyl))bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(N,N-diphenylaniline)

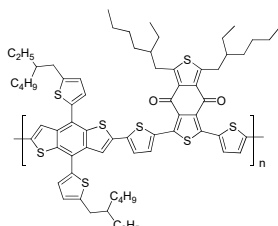
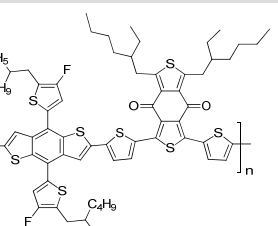
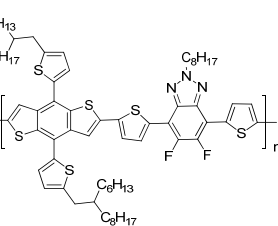
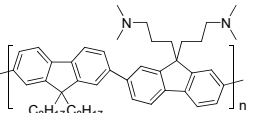
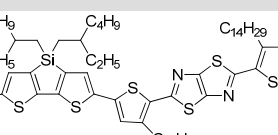
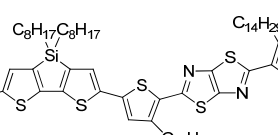
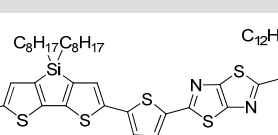
CAT# OP066


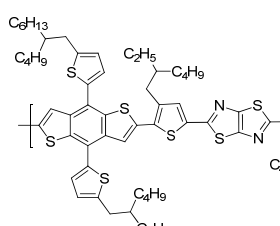
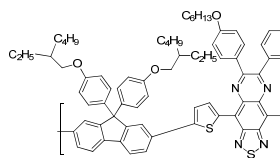
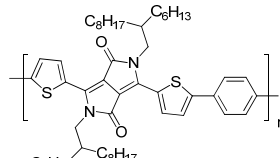
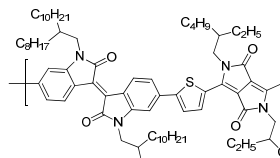
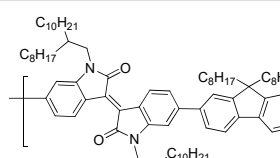
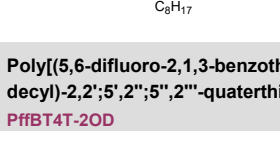
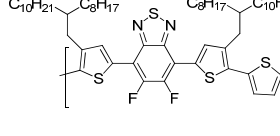
Copper(II)1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

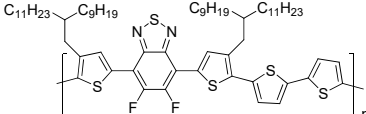
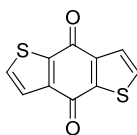
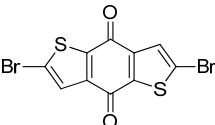
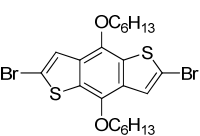
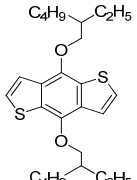
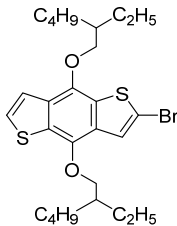
F16CuPC
CAT# OE001


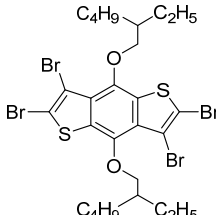
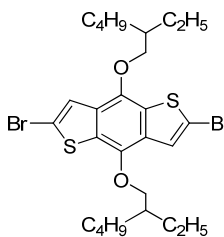
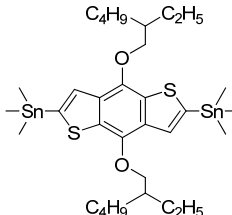
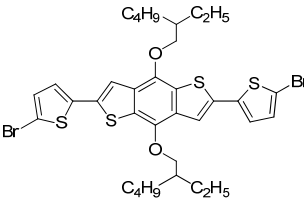
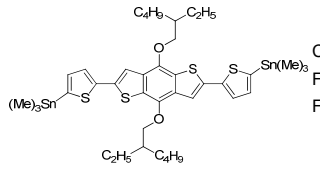
9'-(Anthracen-2-yl)-3,3'',6,6''-tetra-tert-butyl-9'H,9,3':6',9''-tercarbazole CAT# OE002	
	CAS# [1332640-08-0] Formula $C_{66}H_{63}N_3$ FW 898.23
CAT# OP002	
	Custom synthesis Please inquire
CAT# OP003	
	Custom synthesis Please inquire
Poly[n-(1-octylonyl)-9h-carbazole-2,7-diyl] PCz	CAT# Sunamer503
	CAS# [1093292-01-3] Formula $(C_{29}H_{41}N)_n$
Poly[[9-(1-octylonyl)-9H-carbazole-2,7-diyl]-2,5-thiophenediyl-2,1,3-benzothiadiazole-4,7-diyl-2,5-thiophenediyl] PCDTBT	CAT# Sunamer502
	CAS# [958261-50-2] Formula $(C_{43}H_{47}N_3S_3)_n$
Poly(2,7-bis(2-octyldodecyl)benzo[lmn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone-4,9-diyl)([2,2']bithiophenyl-5,5'-diyl) N2200	CAT# Sunamer901
	CAS# [1100243-40-0] Formula $(C_{62}H_{90}N_2S_2O_4)_n$
CAT# Sunamer902	
	

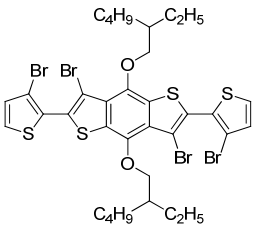
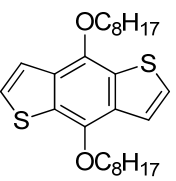
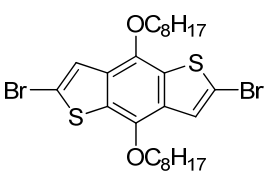
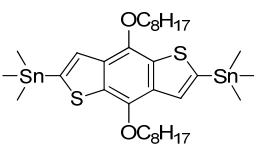
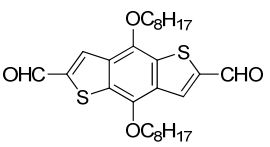
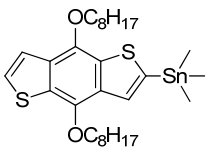
CAT# Sunamer101	
	
CAT# Sunamer102	
	
Poly[[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl][3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-b]thiophenediyl]] PTB7	CAT# Sunamer103
	CAS# [1266549-31-8] Formula $(C_{41}H_{53}FO_4S_4)_n$
Poly-[[4,8-bis[(2-ethylhexyl)oxy]-benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-[3-fluore-2-(octyloxy)-carbonylthieno[3,4-b]thiophene-4,6-diyl]] PTB4	CAT# Sunamer104
	CAS# Formula $(C_{41}H_{53}FO_4S_4)_n$
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)] PTB-TH	CAT# Sunamer105
	CAS# [1469791-66-9] Formula $(C_{49}H_{59}FO_2S_6)_n$

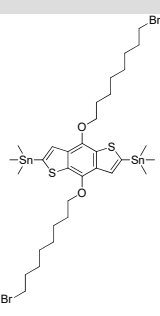
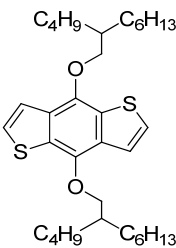
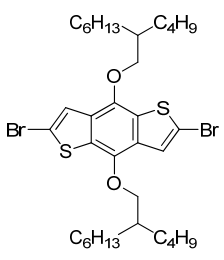
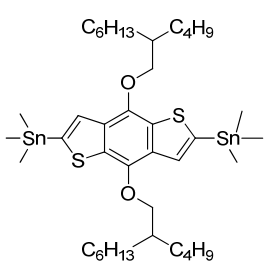
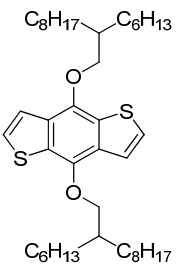
Poly[(2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione)] PBDB-T		CAT# Sunamer107	
		CAS# [145929-80-4] Formula $(C_{68}H_{78}O_2S_8)_n$	
Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-fluoro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione)] PBDB-T-2F		CAT# PM6	
		CAS# [1802013-83-7] Formula	
Poly[(5,6-difluoro-2-octyl-2H-benzotriazole-4,7-diyl)-2,5-thiophenediyl [4,8-bis[5-(2-hexyldodecyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl] J51		CAT# Sunamer108	
		CAS# [1393529-03-7] Formula	
Poly[(9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-alt-2,7-(9,9-ioctylfluorene)] PFN		CAT# Sunamer301	
		CAS# [673474-74-3] Formula $(C_{52}H_{70}N_2)_n$	
		CAT# Sunamer401	
		CAT# Sunamer405	
		CAT# Sunamer406	

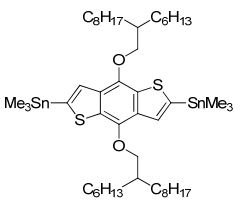
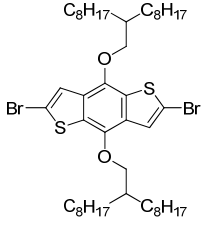
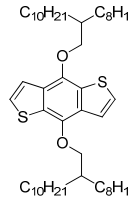
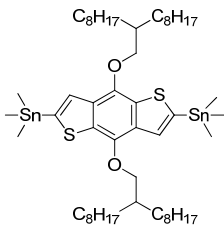
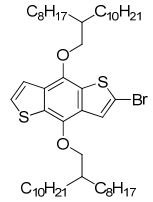
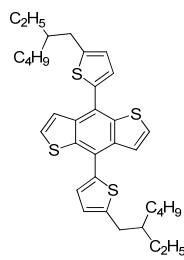
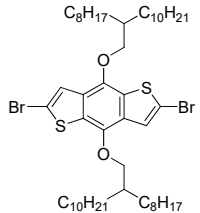
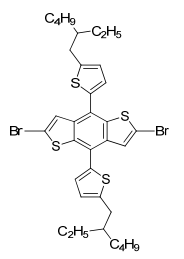
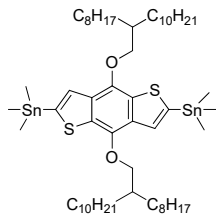
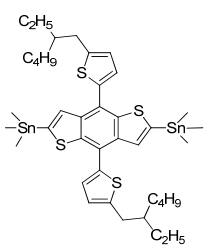
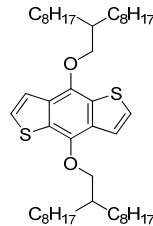
PTZ1		CAT# Sunamer407	
		CAS# [2029196-34-5] Formula	
Poly[9,9-bis(4-(2-ethylhexyl)phenyl)fluorene-alt-co-6,7-bis(4-(hexyloxy)phenyl)-4,9-di(thiophen-2-yl)-thiadiazoloquinoline] PFTTQ		CAT# Sunamer501	
		CAS# Formula $(C_{81}H_{86}N_4O_4S_3)_n$	
Poly[(2,5-bis(2-hexyldodecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl)-alt-([2,2'-(1,4-phenylene)bisthiophene]-5,5'-diyl)] PDPPTPT		CAT# Sunamer701	
		CAS# Formula $(C_{52}H_{74}N_2O_2S_2)_n$	
Poly[(E)-1,1'-bis(2-octyldodecyl)-[3,3'-biindolinyldiene]-2,2'-dione-6,6'-diyl][9,9-dioctyl-9H-fluorene-2,7-diyl] PDPPIID		CAT# Sunamer702	
		CAS# Formula	
		CAT# Sunamer703	
		CAS# Formula	
Poly[(5,6-difluoro-2,1,3-benzothiadiazol-4,7-diyl)-alt-(3,3''-di(2-octyldodecyl)-2,2';5',2'';5'',2'''-quaterthiophen-5,5'''-diyl)] PFBT4T-2OD		CAT# Sunamer505	
		CAS# [1644164-62-4] Formula $(C_{64}H_{94}F_2N_2S_5)_n$	

PffBT4T-C9C13	CAT# Sunamer506
	CAS# Formula $(C_{68}H_{102}F_2N_2S_5)_n$
Poly[2(3-thienyl)ethanol n-butoxycarbonylmethylurethane]	CAT# Sunamer801
PURET	
	CAS# Formula
Monomer-BDT Series	
4,8-Dihydrobenzo[1,2-b:4,5-b']dithiophene-4,8-dione	CAT# OC1016
BDT	
	CAS# [32281-36-0] Formula $C_{10}H_4O_2S_2$ FW 220.27
2,6-Dibromobenzo[1,2-b:4,5-b']dithiophene-4,8-dione	CAT# OC1116
	CAS# [196491-93-7] Formula $C_{10}H_2Br_2O_2S_2$ FW 378.06
2,6-Dibromo-4,8-bis(hexyloxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN1193
	CAS# [359017-65-5] Formula $C_{22}H_{28}Br_2O_2S_2$ FW 548.39
4,8-Bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN1055
BDT-OEH	
	CAS# [1160823-77-7] Formula $C_{26}H_{38}O_2S_2$ FW 446.71
2-Bromo-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN2055
Br-BDT-OEH	
	CAS# Formula $C_{26}H_{37}BrO_2S_2$ FW 525.60

2,3,6,7-Tetrabromo-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN2056
4Br-BDT-OEH	
	CAS# Formula $C_{28}H_{34}Br_4O_2S_2$ FW 762.29
2,6-Dibromo-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN1056
2Br-BDT-OEH	
	CAS# [1226782-13-3] Formula $C_{26}H_{36}Br_2O_2S_2$ FW 604.50
2,6-Bis(trimethyltin)-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN1016
2Sn-BDT-OEH	
	CAS# [1160823-78-8] Formula $C_{32}H_{54}O_2S_2Sn_2$ FW 772.32
2,6-Bis(5-bromothiophen-2-yl)-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene	CAT# IN1187
	CAS# Formula $C_{34}H_{40}Br_2O_2S_4$ FW 768.75
(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)	CAT# IN1888
	CAS# Formula $C_{40}H_{58}O_2S_4Sn_2$ FW 936.57

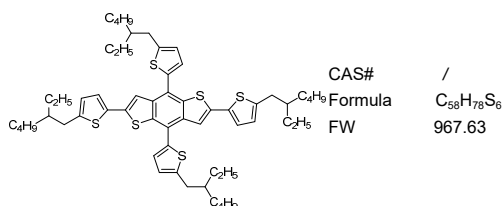
3,7-Dibromo-2,6-bis(3-bromothiophen-2-yl)-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene	
CAT# IN1886	
	CAS# Formula $C_{34}H_{38}Br_4O_2S_4$ FW 926.54
4,8-Dioctyloxybenzo[1,2-b:3,4-b']dithiophene	
BDT-OCT	
CAT# IN1130	
	CAS# [1098102-94-3] Formula $C_{26}H_{38}O_2S_2$ FW 446.71
2,6-Dibromo-4,8-bis(octyloxy)benzo[1,2-b:4,5-b']dithiophene	
2Br-BDT-OCT	
CAT# IN1131	
	CAS# [1294515-75-5] Formula $C_{26}H_{38}Br_2O_2S_2$ FW 604.50
2,6-Bis(trimethyltin)-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene	
2Sn-BDT-OCT	
CAT# IN1132	
	CAS# [1098102-95-4] Formula $C_{32}H_{54}O_2S_2Sn_2$ FW 772.32
2,6-Dicarbaldehyde-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene	
CAT# IN1133	
	CAS# [1668554-22-0] Formula $C_{28}H_{38}O_4S_2$ FW 502.73
(4,8-Bis(octyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)trimethylstannane	
CAT# IN1134	
	CAS# [1625696-07-2] Formula $C_{29}H_{46}O_2S_2Sn$ FW 609.51

(4,8-Bis((8-bromooctyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)	
CAT# IN1883	
	CAS# Formula $C_{32}H_{52}Br_2O_2S_2Sn_2$ FW 930.11
4,8-Bis((2-butyloctyl)oxy)benzo[1,2-b:4,5-b']dithiophene	
BDT-OBO	
CAT# IN1140	
	CAS# [1321590-78-6] Formula $C_{34}H_{54}O_2S_2$ FW 558.92
2,6-Dibromo-4,8-bis((2-butyloctyl)oxy)benzo[1,2-b:4,5-b']dithiophene	
2Br-BDT-OBO	
CAT# IN1141	
	CAS# [1336893-15-2] Formula $C_{34}H_{52}Br_2O_2S_2$ FW 716.71
(4,8-Bis((2-butyloctyl)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	
CAT# IN1146	
	CAS# [1254985-73-3] Formula $C_{42}H_{70}O_2S_2$ FW 671.13

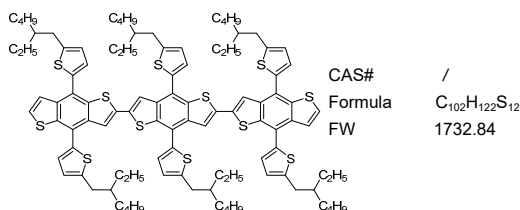
(4,8-Bis((2-hexyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1149  CAS# [1254985-74-4] Formula $C_{48}H_{86}O_2S_2Sn_2$ FW 996.75	2,6-Dibromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b'] dithiophene 2Br-BDT-OOD CAT# IN1151  CAS# Formula $C_{46}H_{76}Br_2O_2S_2$ FW 885.03
4,8-Bis((2-octyldodecyl)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	(4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-OOD CAT# IN1152  CAS# Formula $C_{52}H_{94}O_2S_2Sn_2$ FW 1052.85
2-Bromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene CAT# IN1189  CAS# Formula $C_{50}H_{86}BrO_2S_2$ FW 862.24	4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b'] dithiophene CAT# IN1170  CAS# [1352642-35-3] Formula $C_{34}H_{42}S_4$ FW 578.96
2,6-Dibromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b'] dithiophene 2Br-BDT-OODD CAT# IN1161  CAS# Formula $C_{50}H_{84}Br_2O_2S_2$ FW 941.14	2,6-Dibromo-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b'] dithiophene CAT# IN1171  CAS# [1482447-24-4] Formula $C_{34}H_{40}Br_2S_4$ FW 736.75
(4,8-Bis((2-octyldodecyl)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	2,6-Bis(trimethyltin)-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1172  CAS# [1352642-37-5] Formula $C_{40}H_{58}S_4Sn_2$ FW 904.57
4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OOD CAT# IN1150  CAS# Formula $C_{46}H_{76}O_2S_2$ FW 727.24	

2,4,6,8-Tetrakis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

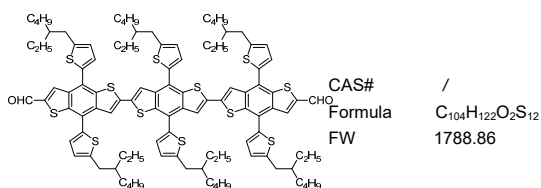
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4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene

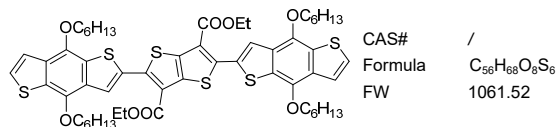
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4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-[2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene]-6,6''-dicarbaldehyde

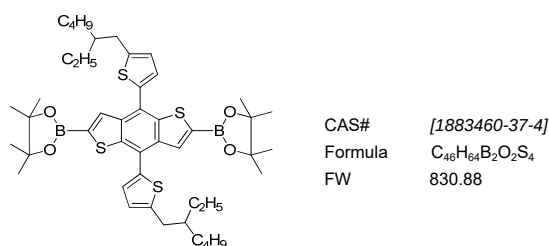
CAT# IN1772


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

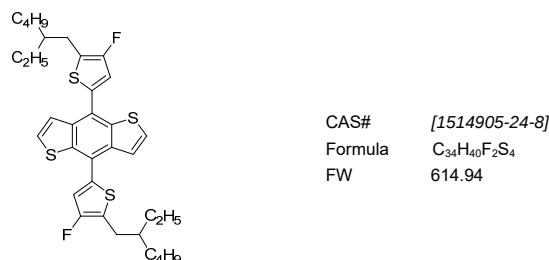
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2,2'-(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

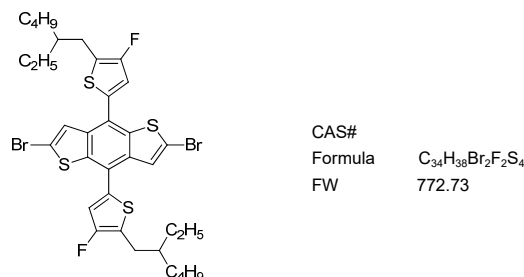
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4,8-Bis(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

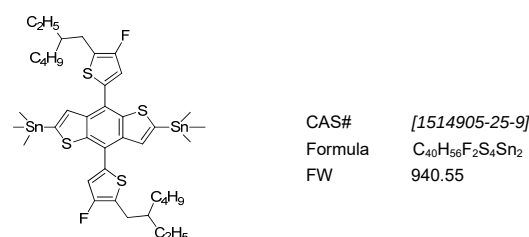
CAT# IN1761


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

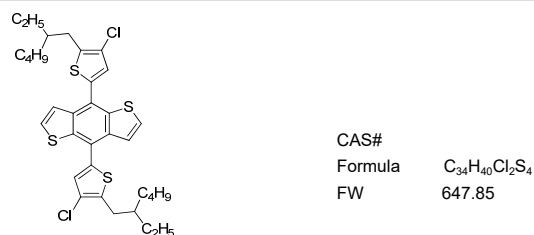
CAT# IN1762


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

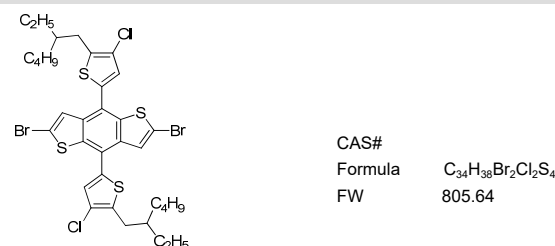
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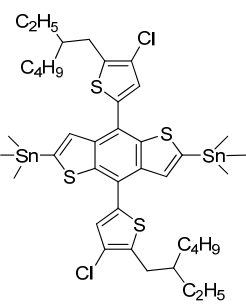
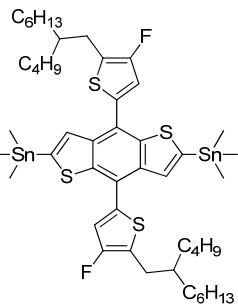
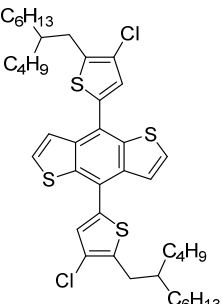
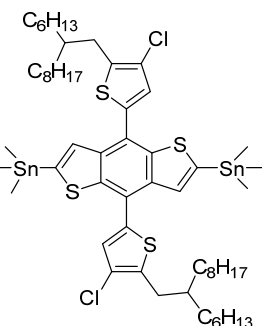
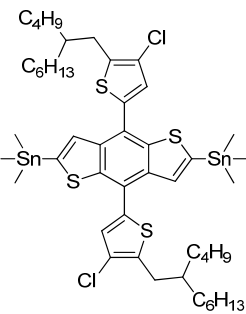
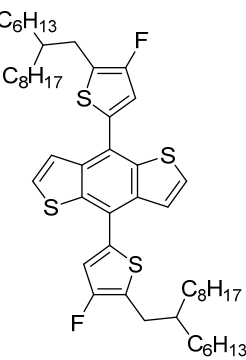
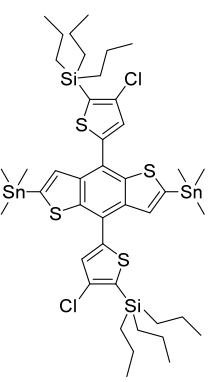
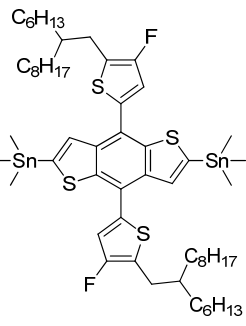

4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

CAT# IN1766

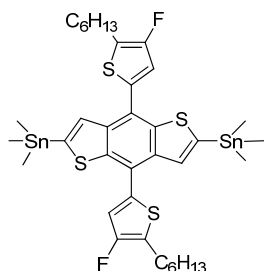

2,6-Dibromo-4,8-bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

CAT# IN1796



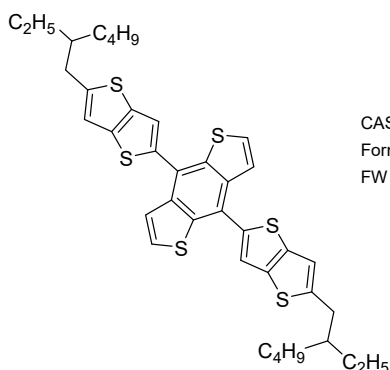
(4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1776  CAS# [2239295-69-1] Formula $C_{40}H_{56}Cl_2S_4Sn_2$ FW 973.46	(4,8-Bis(5-(2-butyloctyl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1965  CAS# [2131164-64-0] Formula $C_{48}H_{72}F_2S_4Sn_2$ FW 1052.76
4,8-Bis(5-(2-butyloctyl)-4-chlorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1963  CAS# Formula $C_{42}H_{56}Cl_2S_4$ FW 760.06	(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  CAS# [2648593-44-4] Formula $C_{56}H_{88}Cl_2S_4Sn_2$ FW 1197.88
(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  CAS# [2376193-84-7] Formula $C_{48}H_{72}Cl_2S_4Sn_2$ FW 1085.67	4,8-Bis(4-fluoro-5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1967  CAS# Formula $C_{50}H_{72}F_2S_4$ FW 839.36
(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  CAS# Formula $C_{42}H_{64}Cl_2S_4Si_2Sn_2$ FW 1061.71	(4,8-Bis(4-fluoro-5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1968  CAS# [2625412-30-6] Formula $C_{56}H_{88}F_2S_4Sn_2$ FW 1164.97

(4,8-Bis(4-fluoro-5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1778



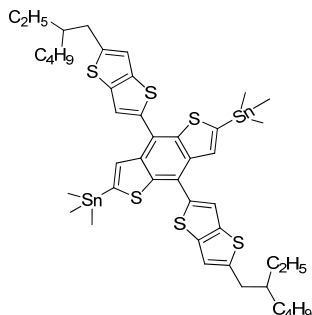
CAS# [2376651-34-0]
Formula $C_{38}H_{48}F_2S_4Sn_2$
FW 884.44

4,8-Bis(5-(2-ethylhexyl)thieno[3,2-b]thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene
CAT# IN1791



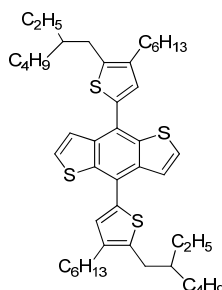
CAS# [1494614-30-0]
Formula $C_{38}H_{42}S_6$
FW 691.13

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)
CAT# IN1792



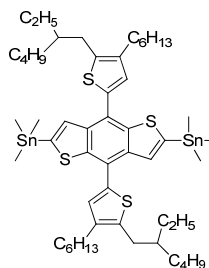
CAS# [1444200-40-1]
Formula $C_{44}H_{58}S_6Sn_2$
FW 1016.74

4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene
CAT# IN1773



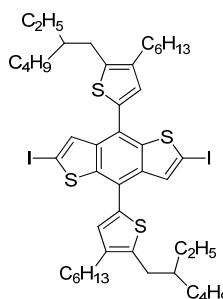
CAS#
Formula $C_{46}H_{66}S_4$
FW 747.28

(4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1774



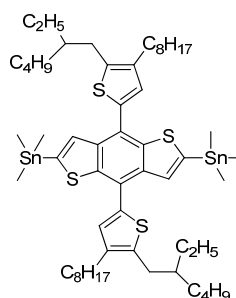
CAS# [1627681-05-3]
Formula $C_{52}H_{82}S_4Sn_2$
FW 1072.89

4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)-2,6-diiodobenzo[1,2-b:4,5-b']dithiophene
CAT# IN1775



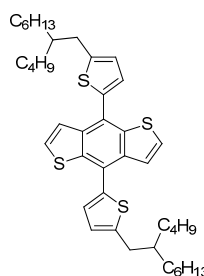
CAS# [1642807-86-0]
Formula $C_{46}H_{64}I_2S_4$
FW 999.07

(4,8-Bis(5-(2-ethylhexyl)-4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)
CAT# IN1777

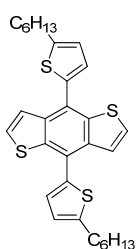
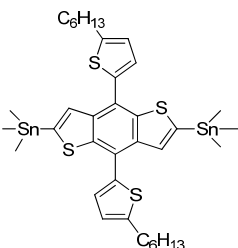
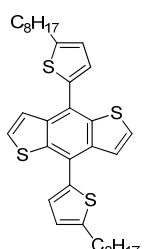
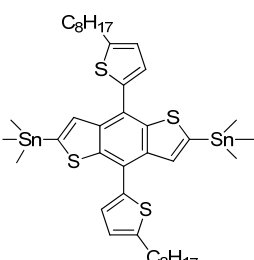
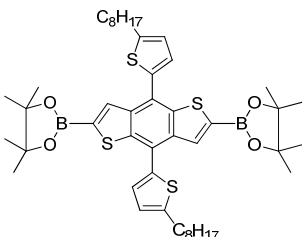


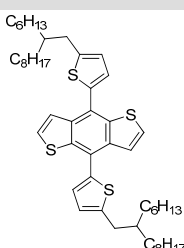
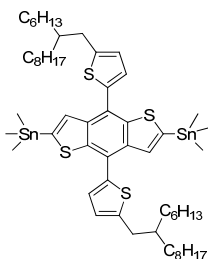
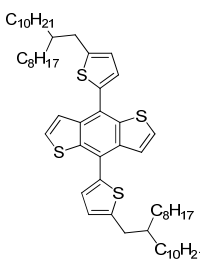
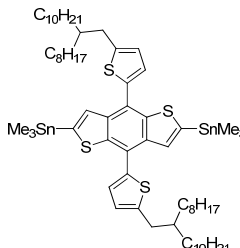
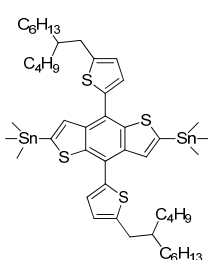
CAS#
Formula $C_{56}H_{90}S_4Sn_2$
FW 1128.99

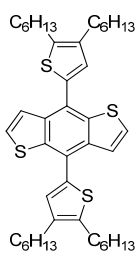
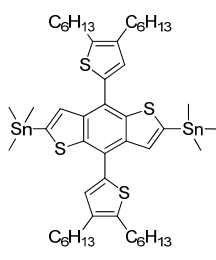
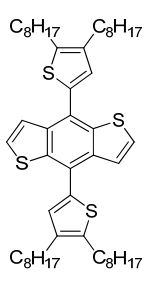
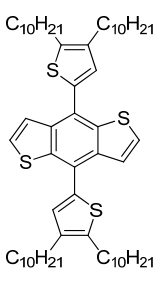
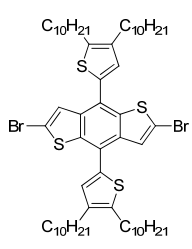
4,8-Bis(5-(2-butyl-octyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene
CAT# IN1165

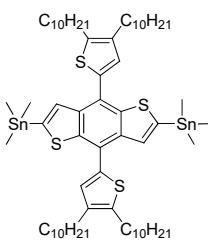
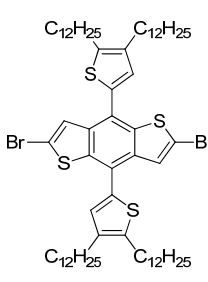
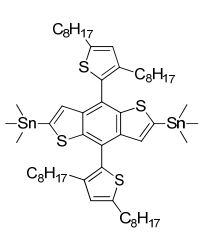
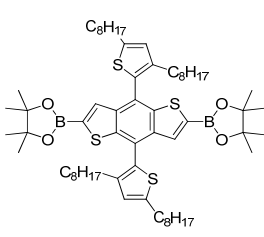
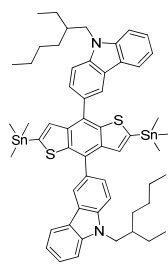


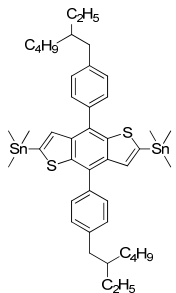
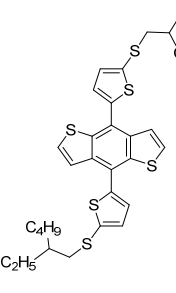
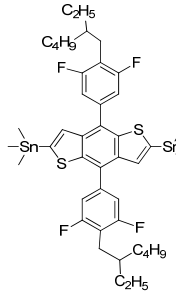
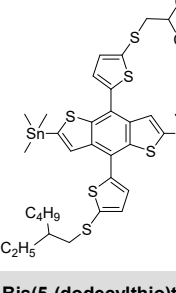
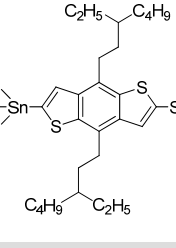
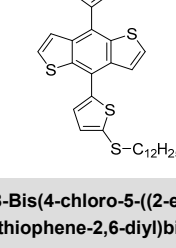
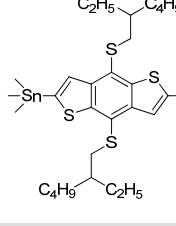
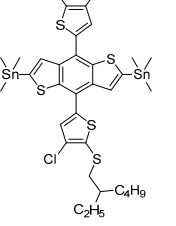
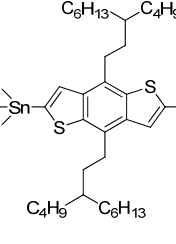
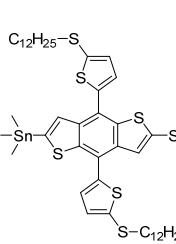
CAS# [1443120-32-8]
Formula $C_{42}H_{58}S_4$
FW 691.17

4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1763	
	CAS# [1431705-25-7] Formula $C_{30}H_{34}S_4$ FW 522.85
(4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1765	
	CAS# [1403984-36-0] Formula $C_{36}H_{50}S_4Sn_2$ FW 848.46
4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1768	
	CAS# [1448877-07-3] Formula $C_{34}H_{42}S_4$ FW 578.96
(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1168	
	CAS# [1434174-52-3] Formula $C_{40}H_{58}S_4Sn_2$ FW 904.50
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	
	CAS# Formula $C_{46}H_{64}B_2O_4S_4$ FW 830.88

4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1174	
	CAS# [1422748-36-4] Formula $C_{50}H_{74}S_4$ FW 803.38
(4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1414	
	CAS# [1373834-87-7] Formula $C_{56}H_{90}S_4Sn_2$ FW 1128.99
4,8-Bis(5-(2-octyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1173	
	CAS# [1631039-21-8] Formula $C_{58}H_{90}S_4$ FW 915.60
(4,8-Bis(5-(2-octyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1175	
	CAS# [1709838-53-8] Formula $C_{64}H_{106}S_4Sn_2$ FW 1241.21
(4,8-Bis(5-(2-butyloctyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1176	
	CAS# [1402460-13-2] Formula $C_{48}H_{74}S_4Sn_2$ FW 1016.78

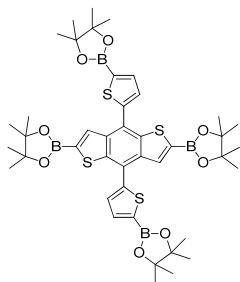
4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1181	
	CAS# Formula $C_{42}H_{58}S_4$ FW 691.17
(4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1180	
	CAS# [1402460-16-5] Formula $C_{48}H_{74}S_4Sn_2$ FW 1016.78
4,8-Bis(4,5-dioctylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1188	
	CAS# Formula $C_{50}H_{74}S_4$ FW 803.38
4,8-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1178	
	CAS# Formula $C_{58}H_{90}S_4$ 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# Formula $C_{58}H_{88}Br_2S_4$ 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 $C_{64}H_{106}S_4Sn_2$ 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 $C_{66}H_{104}Br_2S_4$ FW 1185.60
(4,8-Bis(2-(3,5-dioctyl)thiophene)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1182	
	CAS# Formula $C_{56}H_{90}S_4Sn_2$ 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 $C_{62}H_{96}B_2O_4S_4$ 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	4,8-Bis(5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1714
 CAS# [1380582-97-7] Formula $C_{44}H_{62}S_2Sn_2$ FW 892.51	 CAS# [1613389-28-8] Formula $C_{34}H_{42}S_6$ FW 643.09
(4,8-Bis(4-(2-ethylhexyl)-3,5-difluorophenyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1767	(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# [1840869-83-1] Formula $C_{44}H_{58}F_4S_2Sn_2$ FW 964.47	 CAS# [1613389-30-2] Formula $C_{40}H_{58}S_6Sn_2$ FW 968.70
(4,8-Bis(3-ethylheptyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1190	4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1703
 CAS# [1620482-25-8] Formula $C_{34}H_{58}S_2Sn_2$ FW 768.37	 CAS# [1620482-25-8] Formula $C_{42}H_{58}S_6$ FW 755.30
(4,8-Bis((2-ethylhexyl)thio)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1191	(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# [2369013-31-8] Formula $C_{32}H_{54}S_4Sn_2$ FW 804.45	 CAS# [2369013-31-8] Formula $C_{40}H_{56}Cl_2S_6Sn_2$ FW 1037.59
(4,8-Bis(3-butylononyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1192	(4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1705
 CAS# [1887135-97-8] Formula $C_{42}H_{74}S_2Sn_2$ FW 880.59	 CAS# [1887135-97-8] Formula $C_{48}H_{74}S_6Sn_2$ FW 1080.91

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)

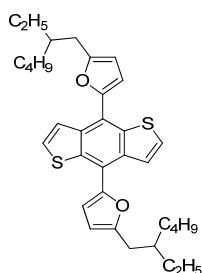
CAT# IN1790



CAS# [1942110-76-0]
Formula $C_{42}H_{54}B_4O_8S_4$
FW 858.38

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

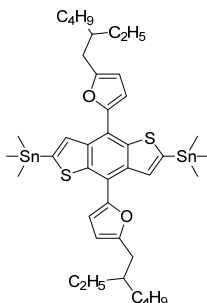
CAT# IN1177



CAS#
Formula $C_{34}H_{42}O_2S_2$
FW 546.83

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

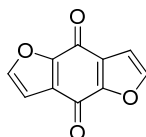
CAT# IN2078



CAS# [1444200-27-4]
Formula $C_{40}H_{58}O_2S_2Sn_2$
FW 872.44

Benzofuro[5,6-b]furan-4,8-dione

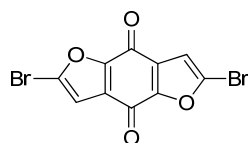
CAT# OC1130



CAS# [267220-47-3]
Formula $C_{10}H_4O_4$
FW 188.14

2,6-Dibromobenzo[1,2-b:4,5-b']difuran-4,8-dione

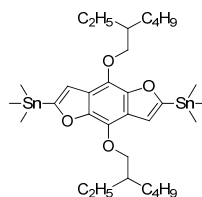
CAT# OC1131



CAS# [2227361-16-0]
Formula $C_{10}H_2Br_2O_4$
FW 345.93

(4,8-Bis-(2-ethylhexyloxy)-2,6-bis(trimethylstannanyl)benzo[1,2-b:4,5-b']difuran)

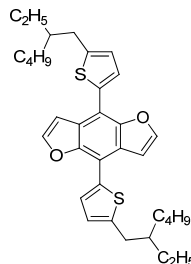
CAT# IN1530



CAS# [1352743-87-3]
Formula $C_{32}H_{54}O_4Sn_2$
FW 740.19

4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran

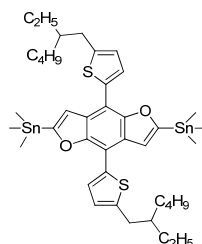
CAT# IN1532



CAS# [1391764-82-1]
Formula $C_{34}H_{42}O_2S_2$
FW 546.83

(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran-2,6-diyl)bis(trimethylstannane)

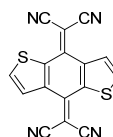
CAT# IN1534



CAS# [1391764-83-2]
Formula $C_{40}H_{58}O_2S_2Sn_2$
FW 872.44

2,2'-(Benzo[1,2-b:4,5-b']dithiophene-4,8-diylidene)dimalononitrile

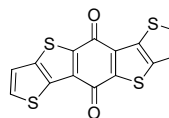
CAT# OC1142



CAS# [109573-90-2]
Formula $C_{16}H_4N_4S_2$
FW 316.36

Dithieno[2,3-d':2',3'-d]benzo[1,2-b:4,5-b']dithiophene-5,10-dione

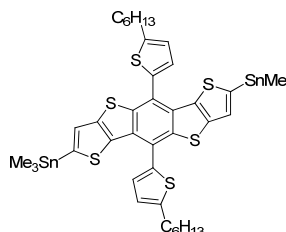
CAT# OC1916



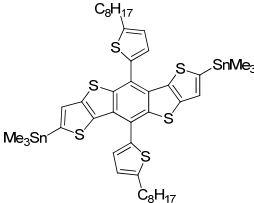
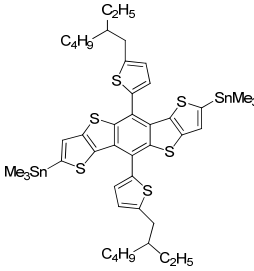
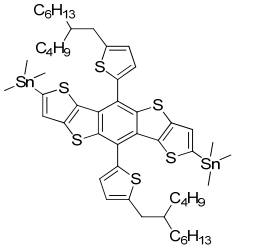
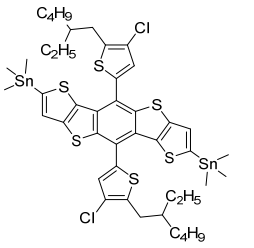
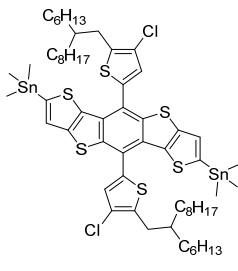
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Formula $C_{14}H_4O_2S_4$
FW 332.44

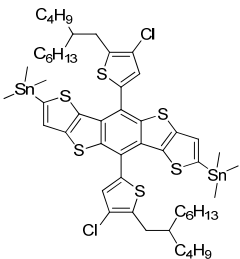
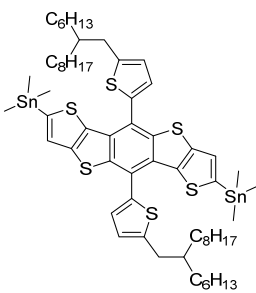
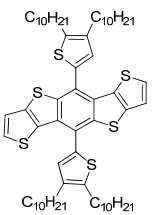
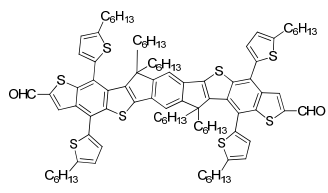
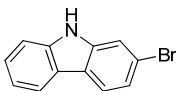
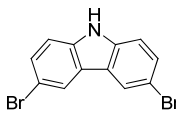
2,7-Bis(trimethylstannyl)-5,10-bis(4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene

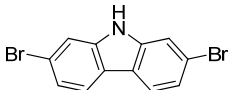
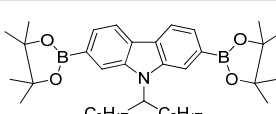
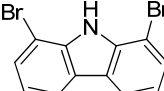
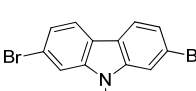
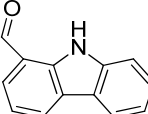
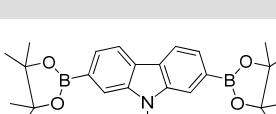
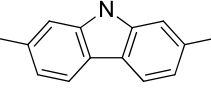
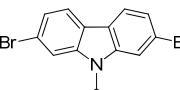
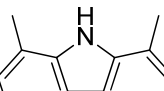
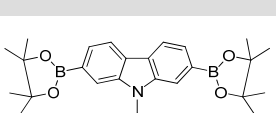
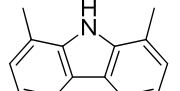
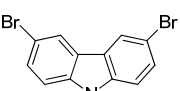
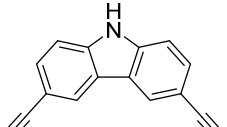
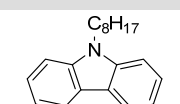
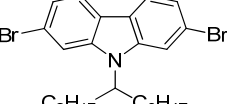
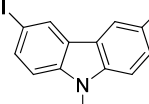
CAT# IN1904

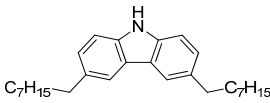
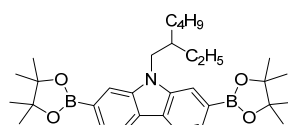
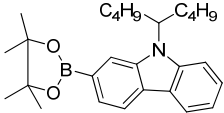
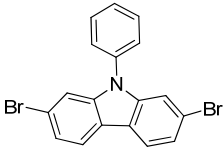
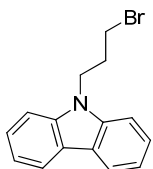
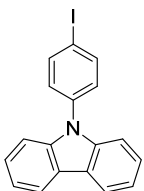
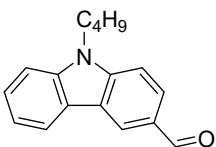
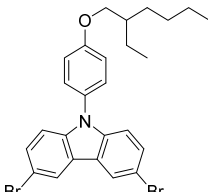
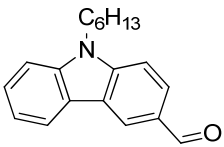
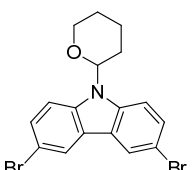
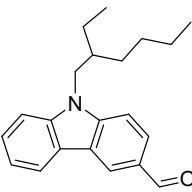
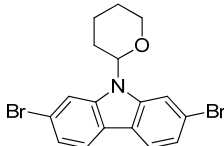
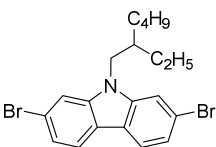
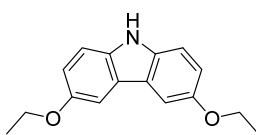


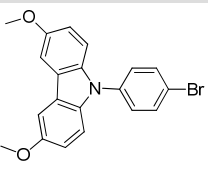
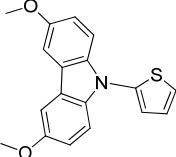
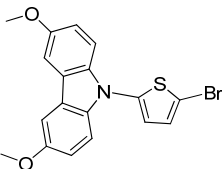
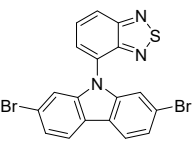
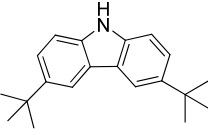
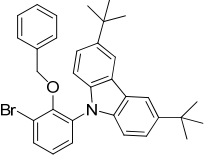
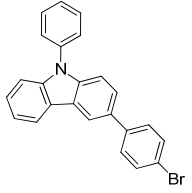
CAS# /
Formula $C_{40}H_{50}S_6Sn_2$
FW 960.63

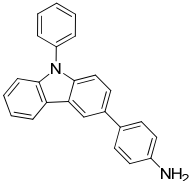
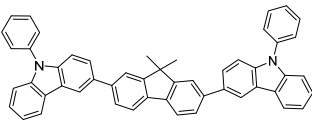
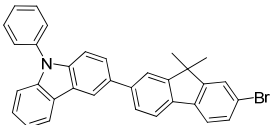
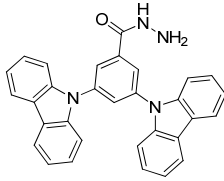
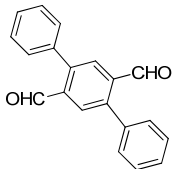
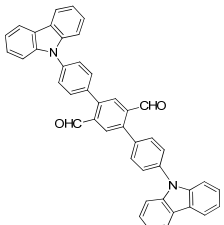
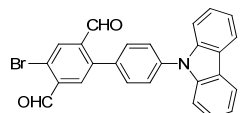
2,7-Bis(trimethylstannyl)-5,10-bis(4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene	
CAT# IN1906	
	CAS# [1701403-89-5] Formula C ₄₄ H ₅₈ S ₆ Sn ₂ FW 1016.74
2,7-Bis(trimethylstannyl)-5,10-bis(2-ethylhexylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene	
CAT# IN1907	
	CAS# [1446476-81-8] Formula C ₄₄ H ₅₈ S ₆ Sn ₂ FW 1016.74
2,7-Bis(trimethylstannyl)-5,10-bis(2-butyloctylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene	
CAT# IN1905	
	CAS# [2582829-56-7] Formula C ₅₂ H ₇₄ S ₆ Sn ₂ FW 1128.95
2,7-Bis(trimethyltin)-5,10-bis[4-chloro-5-(2-ethylhexyl)-2-thienyl]dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene	
CAT# IN2034	
	CAS# Formula C ₄₄ H ₅₆ Cl ₂ S ₆ Sn ₂ FW 1085.61
2,7-Bis(trimethyltin)-5,10-bis[4-chloro-5-(2-hexyldecyl)-2-thienyl]dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene	
CAT# IN1924	
	CAS# Formula C ₆₀ H ₈₈ Cl ₂ S ₆ Sn ₂ FW 1310.04

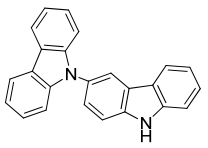
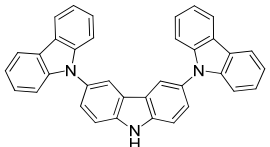
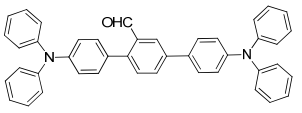
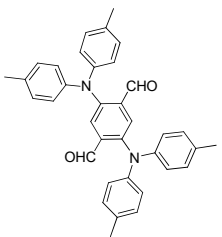
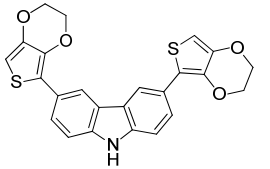
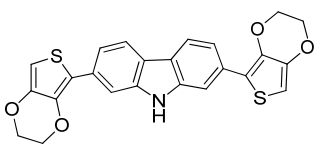
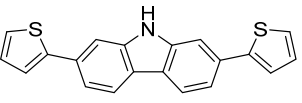
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CAT# IN1925	
	CAS# [2487415-02-9] Formula C ₅₂ H ₇₂ Cl ₂ S ₆ Sn ₂ FW 1197.84
2,7-Bis(trimethylstannyl)-5,10-bis(2-hexyldecylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene	
CAT# IN1926	
	CAS# [2568975-66-4] Formula C ₆₀ H ₉₀ S ₆ Sn ₂ FW 1241.17
5,10-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene	
CAT# IN1908	
	CAS# [1467663-05-3] Formula C ₆₂ H ₉₀ S ₆ FW 1027.77
CAT# IN1918	
	CAS# Formula C ₉₄ H ₁₁₈ O ₂ S ₈ FW 1536.46
Monomer-Carbazole (Cz) Series	
2-Bromocarbazole	
CAT# OC1090	
	CAS# [3652-90-2] Formula C ₁₂ H ₈ BrN FW 246.10
3,6-Dibromo-9H-carbazole	
CAT# IN1001	
	CAS# [6825-20-3] Formula C ₁₂ H ₇ Br ₂ N FW 325.00

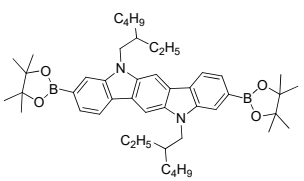
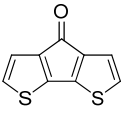
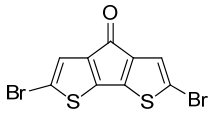
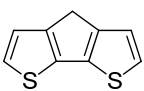
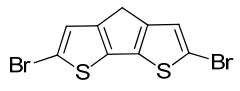
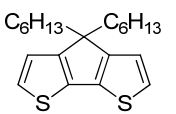
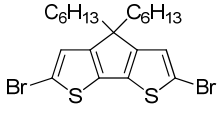
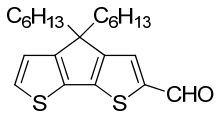
2,7-Dibromo-9H-carbazole CAT# IN1003	9-(Heptadecan-9-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1009
 CAS# [136630-39-2] Formula C₁₂H₇Br₂N FW 325.00	 CAS# [958261-51-3] Formula C₄₁H₆₅B₂NO₄ FW 657.58
1,8-Dibromo-9H-carbazole CAT# IN1263	2,7-Dibromo-9-octyl-9H-carbazole CAT# IN1029
 CAS# [553663-65-3] Formula C₁₂H₇Br₂N FW 325.00	 CAS# [726169-75-1] Formula C₂₀H₂₃Br₂N FW 437.21
9H-carbazole-1-carbaldehyde CAT# IN1288	9-Octyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1048
 CAS# [1903-94-2] Formula C₁₃H₉NO FW 195.22	 CAS# [406726-92-9] Formula C₃₂H₄₇B₂NO₄ FW 531.34
2,7-Dimethyl-9H-carbazole CAT# IN1258	2,7-Dibromo-9-(henicosan-11-yl)-9H-carbazole CAT# IN1128
 CAS# [18992-65-9] Formula C₁₄H₁₃N FW 195.26	 CAS# [1185885-87-3] Formula C₃₃H₄₉B₂N FW 619.56
1,8-Dimethyl-9H-carbazole CAT# IN1557	9-(Henicosan-11-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1129
 CAS# [6558-83-4] Formula C₁₄H₁₃N FW 195.26	 CAS# [1185885-88-4] Formula C₄₅H₇₃B₂NO₄ FW 713.69
1,3,6,8-Tetramethyl-9H-carbazole CAT# IN1558	3,6-Dibromo-9-(heptadecan-9-yl)-9H-carbazole CAT# IN1138
 CAS# [6558-85-6] Formula C₁₆H₁₇N FW 223.31	 CAS# [1268491-06-0] Formula C₂₉H₄₁Br₂N FW 563.45
9H-carbazole-3,6-dicarbonitrile CAT# OC1076	3,6-Dibromo-9-octyl-9H-carbazole CAT# IN2038
 CAS# [57103-03-4] Formula C₁₄H₇N₃ FW 217.23	 CAS# [79554-93-1] Formula C₂₀H₂₃Br₂ 437.22
2,7-Dibromo-9-(1-octylnonyl)-9H-carbazole CAT# IN1008	9-(Heptadecan-9-yl)-3,6-diiodo-9H-carbazole CAT# IN1139
 CAS# [955964-73-5] Formula C₂₉H₄₁Br₂N FW 563.45	 CAS# Formula C₂₉H₄₁I₂N FW 657.45

9-(Nonan-5-yl)-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1983	9-(2-Ethylhexyl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN2138
 CAS# Formula FW C₂₇H₃₈BNO₂ 419.41	 CAS# Formula FW [476360-83-5] C₃₂H₄₇B₂NO₄ 531.35
9-(Nonan-5-yl)-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1820	2,7-Dibromo-9-phenyl-9H-carbazole CAT# IN1259
 CAS# Formula FW C₂₇H₃₈BNO₂ 419.41	 CAS# Formula FW [444796-09-2] C₁₈H₁₁Br₂N 401.09
9-(3-Bromopropyl)-9H-carbazole CAT# IN1840	9-(4-Iodophenyl)-9H-carbazole CAT# IN2159
 CAS# Formula FW [84359-61-5] C₁₅H₁₄BrN 288.18	 CAS# Formula FW [57103-15-8] C₁₈H₁₂IN 369.21
9-Butyl-9H-carbazole-3-carbaldehyde CAT# IN1935	3,6-Dibromo-9-((2-ethylhexyl)oxy)phenyl)-9H-carbazole CAT# IN2160
 CAS# Formula FW [67707-09-9] C₁₇H₁₇NO 251.32	 CAS# Formula FW [946491-48-1] C₂₆H₂₇Br₂NO 529.32
9-Hexyl-9H-carbazole-3-carbaldehyde CAT# IN1936	3,6-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1002
 CAS# Formula FW [183718-72-1] C₁₉H₂₁NO 279.38	 CAS# Formula FW [1838679-86-9] C₁₇H₁₅Br₂NO 409.12
9-(2-Ethylhexyl)-9H-carbazole-3-carbaldehyde CAT# IN1938	2,7-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1004
 CAS# Formula FW [287978-28-3] C₂₁H₂₅NO 307.43	 CAS# Formula FW C₁₇H₁₅Br₂NO 409.12
2,7-Dibromo-9-(2-ethylhexyl)-9H-carbazole CAT# IN2136	3,6-Diethoxy-9H-carbazole CAT# OC1267
 CAS# Formula FW [544436-46-6] C₂₀H₂₃Br₂N 437.22	 CAS# Formula FW [1707264-12-7] C₁₆H₁₇NO₂ 255.32

9-(4-Bromophenyl)-3,6-dimethoxy-9H-carbazole	
CAT# OC1067	
	CAS# Formula $C_{20}H_{16}BrNO_2$ FW 382.25
3,6-Dimethoxy-9-(thiophen-2-yl)-9H-carbazole	
CAT# OC1049	
	CAS# Formula $C_{18}H_{15}NO_2S$ FW 309.38
9-(5-Bromothiophen-2-yl)-3,6-dimethoxy-9H-carbazole	
CAT# OC1069	
	CAS# Formula $C_{18}H_{14}BrNO_2S$ FW 388.28
4-(2,7-Dibromo-9H-carbazol-9-yl)benzo[c][1,2,5]thiadiazole	
CAT# IN1937	
	CAS# Formula $C_{18}H_9Br_2N_3S$ FW 459.16
3,6-Di-tert-butyl-9H-carbazole	
CAT# OC1065	
	CAS# [37500-95-1] Formula $C_{20}H_{25}N$ FW 279.42
9-(2-(Benzyloxy)-3-bromophenyl)-3,6-di-tert-butyl-9H-carbazole	
CAT# OC1068	
	CAS# Formula $C_{33}H_{34}BrNO$ FW 540.53
3-(4-Bromophenyl)-9-phenyl-9H-carbazole	
CAT# OC1058	
	CAS# [1028647-93-9] Formula $C_{24}H_{16}BrN$ FW 398.29

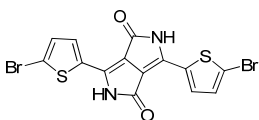
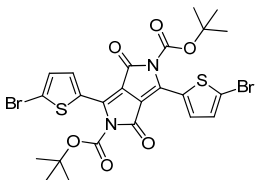
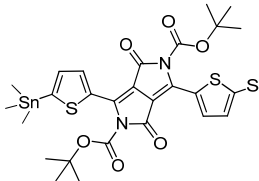
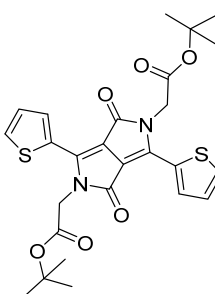
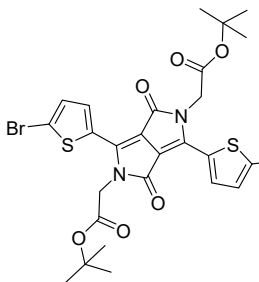
4-(9-Phenyl-9,9a-dihydro-4aH-carbazol-6-yl)aniline	
CAT# OC1059	
	CAS# Formula $C_{24}H_{20}N_2$ FW 336.43
3,3'-(9,9-dimethyl-9H-fluorene-2,7-diyl)bis(9-phenyl-9H-carbazole)	
CAT# OC1077	
	CAS# [1182844-38-7] Formula $C_{51}H_{36}N_2$ FW 676.84
3-(7-Bromo-9,9-dimethylfluorene-2-yl)-9-phenylcarbazole	
CAT# OC1078	
	CAS# [1186644-43-8] Formula $C_{33}H_{24}NBr$ FW 514.45
3,5-Dicarbazol-9-ylbenzhydrazide	
CAT# OC1060	
	CAS# Formula $C_{31}H_{22}N_4O$ FW 466.53
[1,1':4',1''-Terphenyl]-2',5'-dicarbaldehyde	
CAT# OC1066	
	CAS# [144836-60-2] Formula $C_{20}H_{14}O_2$ FW 286.32
4,4''-Di(9H-carbazol-9-yl)-[1,1':4',1''-terphenyl]-2',5'-dicarbaldehyde	
CAT# OC1061	
	CAS# Formula $C_{44}H_{28}N_2O_2$ FW 616.71
4-Bromo-4'-(9H-carbazol-9-yl)-[1,1'-biphenyl]-2,5-dicarbaldehyde	
CAT# OC1073	
	CAS# Formula $C_{26}H_{16}BrNO_2$ FW 454.31

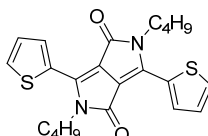
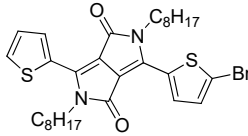
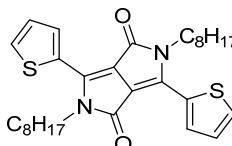
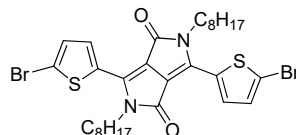
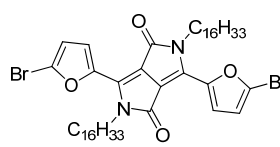
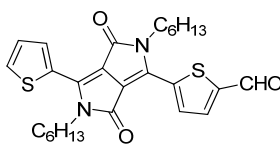
3-(9H-carbazole-9-yl)-9H-carbazole	
CAT# OC1062	
	CAS# [18628-07-4] Formula C ₂₄ H ₁₆ N ₂ FW 332.40
9'H-9,3':6',9''-tercarbazole	
CAT# OC1072	
	CAS# [606129-90-2] Formula C ₃₆ H ₂₃ N ₃ FW 497.59
4,4''-Bis(diphenylamino)-[1,1':4',1''-terphenyl]-2'-carbaldehyde	
CAT# OC1063	
	CAS# [606129-90-2] Formula C ₄₃ H ₃₂ N ₂ O FW 592.73
2,5-Bis(di-<i>p</i>-tolylamino)terephthalaldehyde	
CAT# OC1064	
	CAS# [606129-90-2] Formula C ₃₆ H ₃₂ N ₂ O ₂ FW 524.65
3,6-Bis(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)-9H-carbazole	
CAT# IN1456	
	CAS# [170737-46-9] Formula C ₂₄ H ₁₇ NO ₄ S ₂ FW 447.53
2,7-Bis(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)-9H-carbazole	
CAT# IN1526	
	CAS# [2247347-75-5] Formula C ₂₄ H ₁₇ NO ₄ S ₂ FW 447.53
2,7-Di(thiophen-2-yl)-9H-carbazole	
CAT# IN2017	
	CAS# / Formula C ₂₀ H ₁₃ NS ₂ FW 331.45

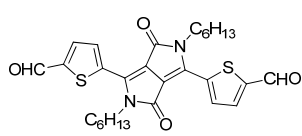
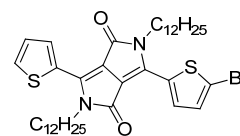
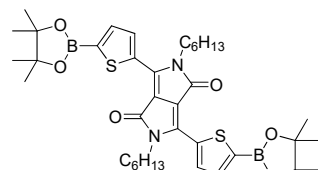
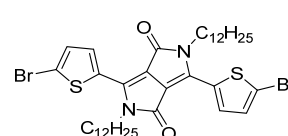
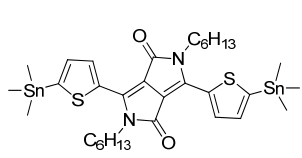
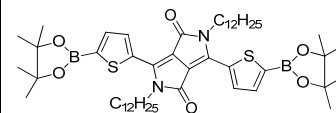
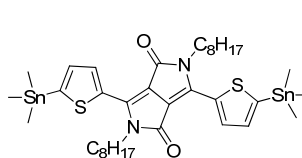
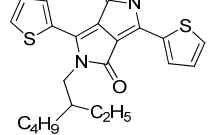
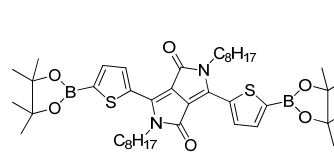
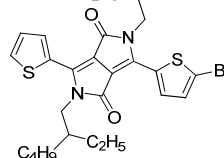
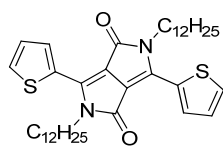
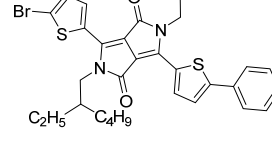
5,11-Bis(2-ethylhexyl)-3,9-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,11-dihydroindolo[3,2-<i>b</i>]carbazole	
CAT# IN1458	
	CAS# [606129-90-2] Formula C ₄₆ H ₆₆ B ₂ N ₂ O ₄ FW 732.65
Monomer-CPP Series	
4H-Cyclopenta[2,1-<i>b</i>:3,4-<i>b'</i>]dithiophene-4-one	
CAT# OC1015	
	CAS# [25796-77-4] Formula C ₉ H ₄ OS ₂ FW 192.26
2,6-Dibromo-4H-cyclopenta[1,2-<i>b</i>:5,4-<i>b'</i>]dithiophen-4-one	
CAT# OC1115	
	CAS# [636588-79-9] Formula C ₉ H ₂ Br ₂ OS ₂ FW 350.05
4H-Cyclopenta[2,1-<i>b</i>:3,4-<i>b'</i>]dithiophene	
CAT# OC1017	
	CAS# [389-58-2] Formula C ₉ H ₆ S ₂ FW 178.27
2,6-Dibromo-4H-cyclopenta[1,2-<i>b</i>:5,4-<i>b'</i>]dithiophene	
CAT# IN1011	
	CAS# [258527-25-2] Formula C ₉ H ₄ Br ₂ S ₂ FW 336.07
4,4-Dihexyl-4H-cyclopenta[2,1-<i>b</i>:3,4-<i>b'</i>]dithiophene	
CAT# IN1250	
	CAS# [153312-86-8] Formula C ₂₁ H ₃₀ S ₂ FW 346.59
2,6-Dibromo-4,4-dihexyl-4H-cyclopenta[2,1-<i>b</i>:3,4-<i>b'</i>]dithiophene	
CAT# IN1252	
	CAS# [528570-55-0] Formula C ₂₁ H ₂₈ Br ₂ S ₂ FW 504.39
4,4-Dihexyl-4H-cyclopenta[1,2-<i>b</i>:5,4-<i>b'</i>]dithiophene-2-carbaldehyde	
CAT# IN1270	
	CAS# [528570-55-0] Formula C ₂₂ H ₃₀ OS ₂ FW 374.60

6-Bromo-4,4-dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbaldehyde	
CAT# IN1873	
	CAS# [1221821-39-1] Formula C ₂₂ H ₂₆ BrOS ₂ FW 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# [1220888-44-7] Formula C ₃₃ H ₅₂ B ₂ O ₄ S ₂ FW 598.52
4,4-Dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2,6-dicarbaldehyde	
CAT# IN1951	
	CAS# [1679381-53-3] Formula C ₂₃ H ₃₀ O ₂ S ₂ FW 402.61
4,4-Bis(6-bromohexyl)-4H-cyclopenta[2,1-b:3,4-b']dithiophene	
CAT# IN2123	
	CAS# Formula C ₂₁ H ₂₈ Br ₂ S ₂ FW 504.38
4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b'] dithiophene	
CAT# IN1060	
	CAS# [365547-20-2] Formula C ₂₅ H ₃₈ S ₂ FW 402.70
2,6-Dibromo-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b'] dithiophene	
CAT# IN1010	
	CAS# [365547-21-3] Formula C ₂₅ H ₃₆ Br ₂ S ₂ FW 560.49
4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbonitrile	
CAT# IN1660	
	CAS# [1623819-67-9] Formula C ₂₆ H ₃₇ NS ₂ FW 427.71

6-Bromo-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b']dithiophene-2-carbaldehyde	
CAT# IN2076	
	CAS# [2256724-33-9] Formula C ₂₆ H ₃₇ BrOS ₂ FW 509.61
4,4-Dioctyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene	
CAT# IN2178	
	CAS# Formula C ₂₅ H ₃₆ S ₂ FW 402.70
2,6-Dibromo-4,4-dihexyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene	
CAT# IN2177	
	CAS# [478404-10-3] Formula C ₂₁ H ₂₈ Br ₂ S ₂ FW 504.38
2,6-Bis(trimethyltin)-4,4-bis(2-dodecylbenzo)-4H-cyclopenta[2,1-b:3,4-b']dithiophene	
CAT# IN1240	
	CAS# [1201921-81-4] Formula C ₃₉ H ₇₀ S ₂ Sn ₂ FW 840.52
(4,4-Bis(4-hexylphenyl)-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2,6-diyl)bis(trimethylstannane)	
CAT# IN1942	
	CAS# [2416095-99-1] Formula C ₃₉ H ₅₄ S ₂ Sn ₂ FW 824.40
Monomer-DPP Series	
3,6-Di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4-dione	
CAT# IN1323	
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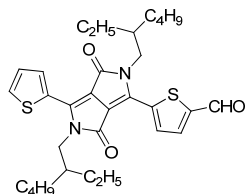
3,6-Bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1322	
	CAS# [777079-55-7] Formula $C_{14}H_6Br_2N_2O_2S_2$ FW 458.15
Di-tert-butyl 3,6-bis(5-bromothiophen-2-yl)-1,4-dioxopyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate CAT# IN1325	
	CAS# [1046864-84-9] Formula $C_{24}H_{22}Br_2N_2O_6S_2$ 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# [1046864-84-9] Formula $C_{30}H_{40}N_2O_6S_2Sn_2$ FW 826.20
Di-tert-butyl 2',2'-(1,4-dioxo-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1H,4H)-diyl)diacetate CAT# IN1622	
	CAS# [1669409-50-0] Formula $C_{26}H_{28}N_2O_6S_2$ FW 528.64
Di-tert-butyl 2',2'-(3,6-bis(5-bromothiophen-2-yl)-1,4-dioxopyrrolo[3,4-c]pyrrole-2,5(1H,4H)-diyl)diacetate CAT# IN1624	
	CAS# [1815587-98-4] Formula $C_{26}H_{26}Br_2N_2O_6S_2$ FW 686.43

2,5-Dibutyl-3,6-di(thiophen-2-yl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione CAT# IN2100	
	CAS# [1207173-14-5] Formula $C_{22}H_{24}N_2O_2S_2$ FW 412.57
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 $C_{30}H_{38}BrN_2O_2S_2$ FW 603.68
2,5-Dioctyl-3,6-di(thiophen-2-yl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione CAT# IN2102	
	CAS# [1057401-08-7] Formula $C_{30}H_{40}N_2O_2S_2$ FW 524.78
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# [1057401-13-4] 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# [1057401-13-4] 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	3-(5-Bromothiophen-2-yl)-2,5-didodecyl-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1395
 CAS# Formula FW $C_{28}H_{32}N_2O_4S_2$ 524.69	 CAS# Formula FW $C_{38}H_{54}BrN_2O_2S_2$ 715.89
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	3,6-Bis(5-bromothiophen-2-yl)-2,5-didodecyl-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione CAT# IN1995
 CAS# Formula FW / $C_{38}H_{54}B_2N_2O_6S_2$ 720.60	 CAS# Formula FW [1232880-65-7] $C_{38}H_{54}Br_2N_2O_2S_2$ 794.79
2,5-Dihexyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1589	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 CAT# IN1357
 CAS# Formula FW / $C_{32}H_{48}N_2O_2S_2Sn_2$ 794.29	 CAS# Formula FW $C_{50}H_{78}B_2N_2O_6S_2$ 888.92
2,5-Dioctyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1346	2,5-Bis(2-ethylhexyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1320
 CAS# Formula FW [1613705-06-8] $C_{38}H_{56}N_2O_2S_2Sn_2$ 850.39	 CAS# Formula FW [1185885-86-2] $C_{30}H_{40}N_2O_2S_2$ 524.78
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	3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CT# IN1340
 CAS# Formula FW $C_{42}H_{62}N_2B_2O_6S_2$ 776.70	 CAS# Formula FW [1308671-90-0] $C_{30}H_{38}BrN_2O_2S_2$ 603.68
2,5-Didodecyl-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1355	3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(5-phenylthiophen-2-yl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione CT# IN2110
 CAS# Formula FW [1057401-09-8] $C_{38}H_{56}N_2O_2S_2$ 636.99	 CAS# Formula FW [1421711-97-8] $C_{36}H_{43}BrN_2O_2S_2$ 679.78

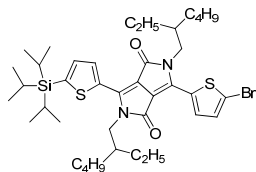
5-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-4-(thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

CAT# IN1344


CAS# [1858204-06-4]
Formula C₃₁H₄₀N₂O₃S₂
FW 552.79

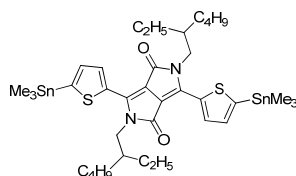
3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(5-(triisopropylsilyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1390


CAS# [1269004-46-7]
Formula C₃₉H₅₉BrN₂O₂S₂Si
FW 760.02

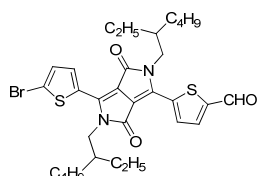
2,5-Bis(2-ethylhexyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1391


CAS# [1392422-47-7]
Formula C₃₆H₅₆N₂O₂S₂Sn₂
FW 850.39

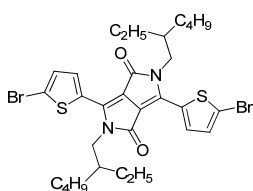
5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

CAT# IN1384


CAS# [1858204-07-5]
Formula C₃₁H₃₉BrN₂O₃S₂
FW 631.69

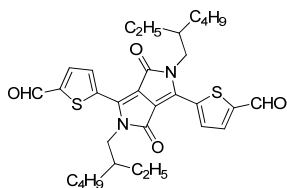
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-c]pyrrole-1,4-dione

CAT# IN1327


CAS# [100623-95-9]
Formula C₃₀H₃₈Br₂N₂O₂S₂
FW 682.57

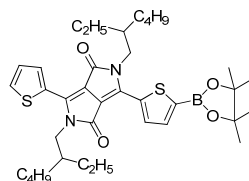
5,5'-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)

CAT# IN1343


CAS# [1239218-96-2]
Formula C₃₂H₄₀N₂O₄S₂
FW 580.80

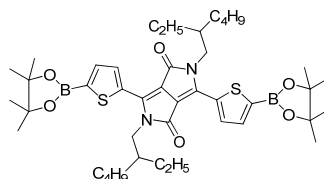
2,5-Bis(2-ethylhexyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1334


CAS# [2197974-48-2]
Formula C₃₆H₅₁BN₂O₄S₂
FW 650.74

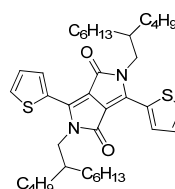
2,5-Bis(2-ethylhexyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1335


CAS# [1269004-46-7]
Formula C₄₂H₆₂B₂N₂O₆S₂
FW 776.70

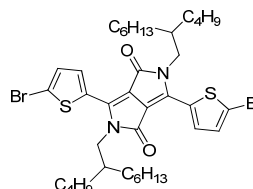
2,5-Bis(2-butyloctyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1328


CAS# [1354631-87-0]
Formula C₃₈H₅₈N₂O₂S₂
FW 636.99

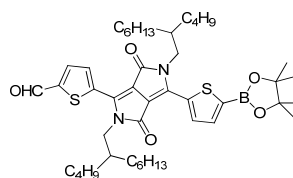
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-butyloctyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAT# IN1329


CAS# [1224709-68-5]
Formula C₃₈H₅₄Br₂N₂O₂S₂
FW 794.79

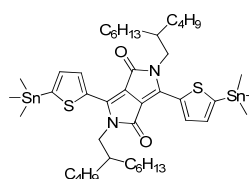
5-(2,5-bis(2-butyloctyl)-3,6-dioxo-4-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

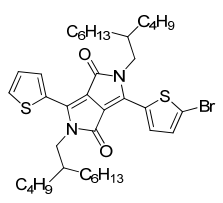
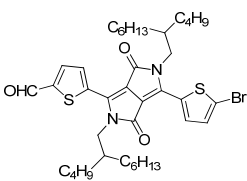
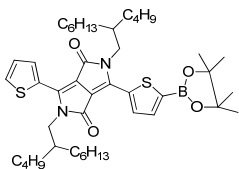
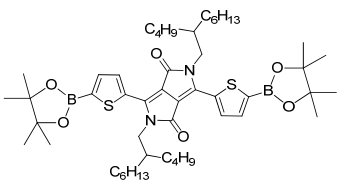
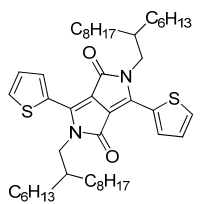
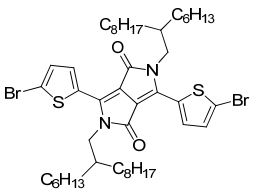
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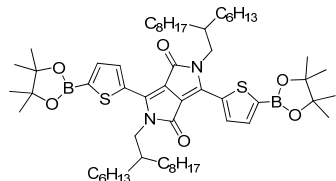
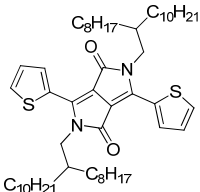
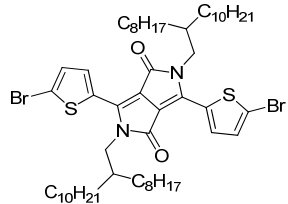
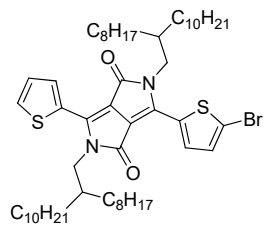
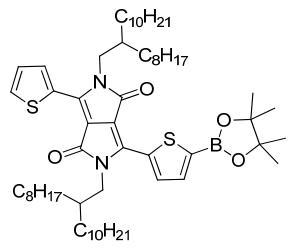

CAS# [1224709-68-5]
Formula C₄₅H₆₇BN₂O₅S₂
FW 790.96

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

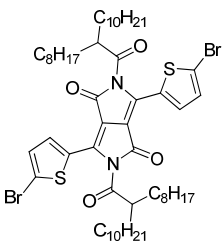
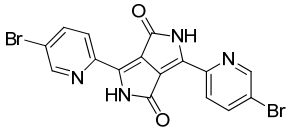
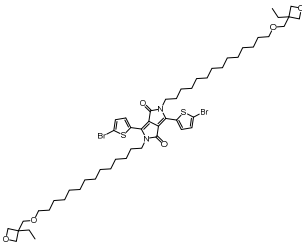
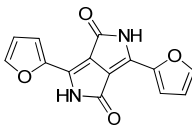
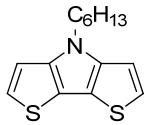
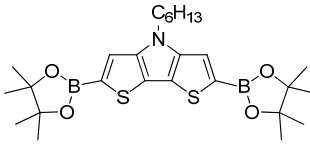

CAS# [2102299-80-7]
Formula C₄₄H₇₂N₂O₂S₂Sn₂
FW 962.60

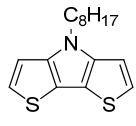
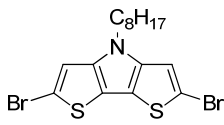
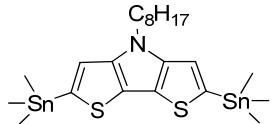
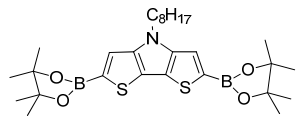
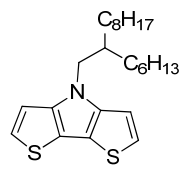
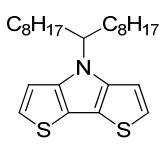
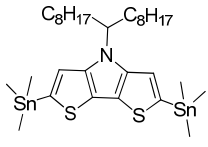
3-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1336	
	CAS# [1454609-37-0] Formula $C_{38}H_{55}BrN_2O_2S_2$ FW 715.89
5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde	
CAT# IN1396	
	CAS# Formula $C_{39}H_{55}BrN_2O_3S_2$ 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	
	CAS# Formula $C_{44}H_{67}BN_2O_4S_2$ FW 762.95
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# [1793071-06-3] Formula $C_{50}H_{78}B_2N_2O_6S_2$ 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 $C_{46}H_{72}N_2O_2S_2$ 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 $C_{46}H_{70}Br_2N_2O_2S_2$ FW 907.00

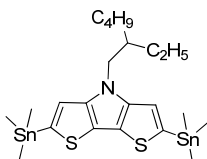
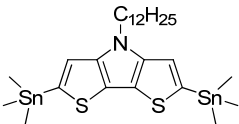
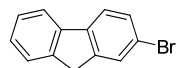
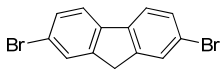
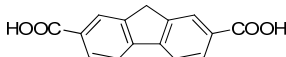
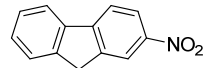
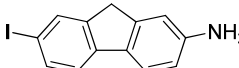
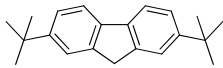
2,5-Bis(2-hexyldecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1736	
	CAS# [1224430-81-2] Formula $C_{58}H_{94}B_2N_2O_6S_2$ FW 1001.13
2,5-Bis(2-octyldecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1730	
	CAS# [1267540-02-2] Formula $C_{54}H_{88}N_2O_2S_2$ 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 $C_{54}H_{86}Br_2N_2O_2S_2$ FW 1019.21
3-(5-Bromothiophen-2-yl)-2,5-bis(2-octyldecyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1738	
	CAS# [1415922-89-2] Formula $C_{54}H_{87}BrN_2O_2S_2$ FW 940.31
2,5-Bis(2-octyldecyl)-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 $C_{60}H_{96}BN_2O_4S_2$ FW 987.38

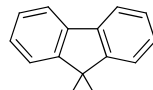
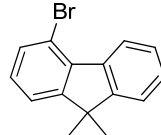
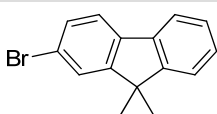
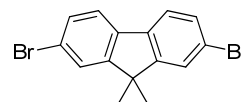
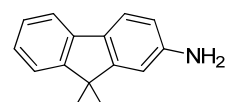
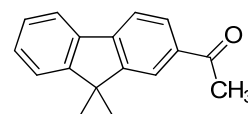
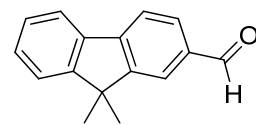
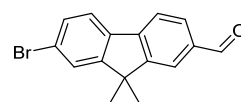
2,5-Bis(2-octyldodecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1337	
	CAS# [1351986-34-9] Formula $C_{66}H_{110}B_2N_2O_6S_2$ FW 1113.34
5,5'-(2,5-Bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde) CAT# IN1930	
	CAS# [1393737-21-7] Formula $C_{56}H_{88}N_2O_4S_2$ FW 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# [1312588-15-0] Formula $C_{62}H_{104}N_2O_2S_2$ FW 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# [1224430-28-7] Formula $C_{62}H_{102}Br_2N_2O_2S_2$ FW 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# [1412448-63-5] Formula $C_{74}H_{126}B_2N_2O_6S_2$ FW 1225.55

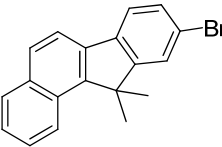
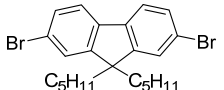
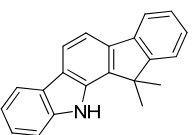
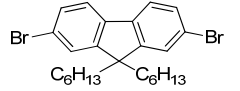
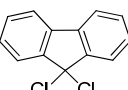
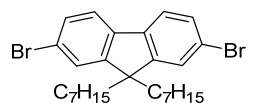
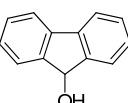
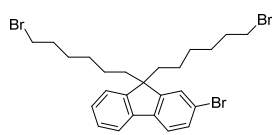
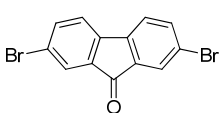
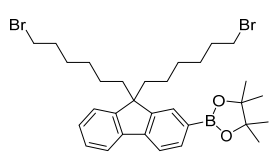
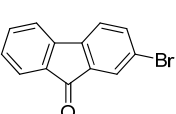
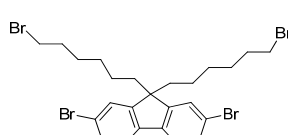
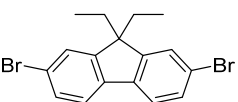
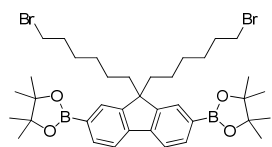
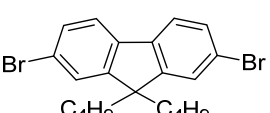
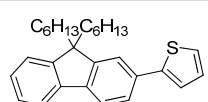
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	CAS# [2597000-95-6] Formula $C_{64}H_{104}N_2O_4S_2$ FW 1029.65
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(4-octyltetradecyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione CAT# IN1992	
	CAS# [2116427-63-3] Formula $C_{58}H_{84}Br_2N_2O_2S_2$ FW 1075.33
3,6-Di(thieno[3,2-b]thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione CAT# IN1324	
	CAS# [1246679-11-7] Formula $C_{18}H_8N_2O_2S_4$ FW 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# [1296131-04-8] Formula $C_{28}H_{36}N_2O_8S_2$ FW 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# [1296131-94-8] Formula $C_{28}H_{34}Br_2N_2O_8S_2$ FW 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# [1296131-94-8] Formula $C_{34}H_{52}N_2O_8S_2Sn_2$ FW 918.34

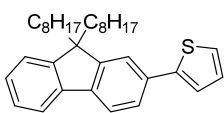
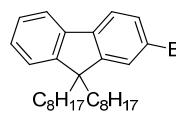
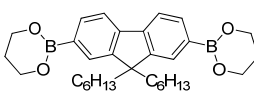
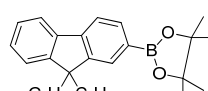
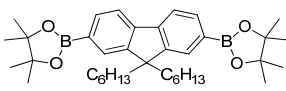
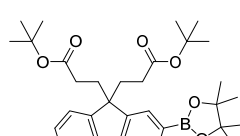
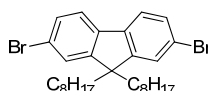
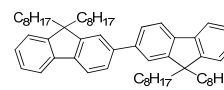
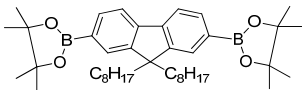
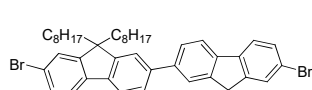
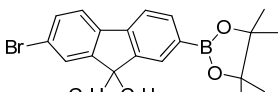
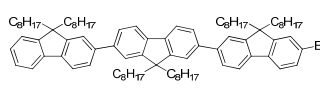
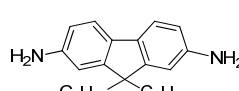
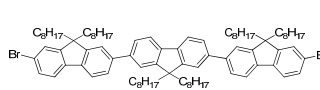
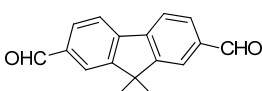
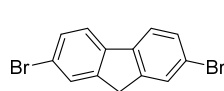
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldodecanoyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1867	
	CAS# [1397261-39-0] Formula $C_{54}H_{82}Br_2N_2O_4S_2$ FW 1047.18
3,6-Bis(5-bromopyridin-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1306	
	CAS# [777079-50-2] Formula $C_{16}H_8Br_2N_4O_2$ FW 448.07
3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(14-((3-ethyloxetan-3-yl)methoxy)tetradecyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione	
CAT# IN2097	
	CAS# Formula $C_{54}H_{82}Br_2N_2O_6S_2$ FW 1079.19
3,6-Di(furan-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	
CAT# IN1800	
	CAS# [88949-34-2] Formula $C_{14}H_8N_2O_4$ FW 268.22
Monomer-DTP Series	
4-Hexyl-4H-dithieno[3,2-b:2',3'-d]pyrrole	
CAT# IN1871	
	CAS# [427875-87-4] Formula $C_{14}H_{17}NS_2$ FW 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# [1072031-97-0] Formula $C_{26}H_{39}B_2NO_4S_2$ FW 515.34

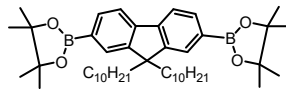
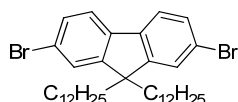
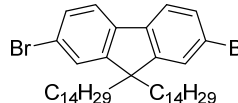
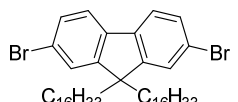
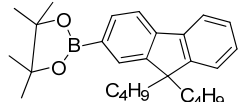
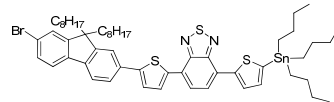
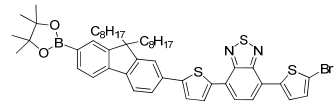
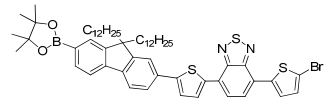
N-octyl-dithieno[3,2-b:2,3-d]pyrrole	
CAT# IN1040	
	CAS# [141029-75-6] Formula $C_{16}H_{21}NS_2$ FW 291.47
2,6-Dibromo-N-octyl-dithieno[3,2-b:2,3-d]pyrrole	
CAT# IN1041	
	CAS# [1346688-54-7] Formula $C_{16}H_{15}Br_2NS_2$ FW 449.27
2,6-Bis(trimethyltin)-N-octyl-dithieno[3,2-b:2,3-d]pyrrole	
CAT# IN1341	
	CAS# [1065645-72-8] Formula $C_{22}H_{37}NS_2Sn_2$ 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# Formula $C_{28}H_{43}B_2NO_4S_2$ 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	
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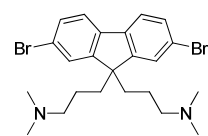
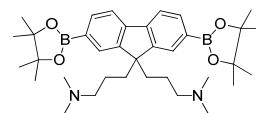
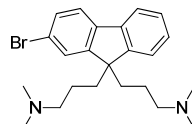
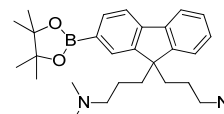
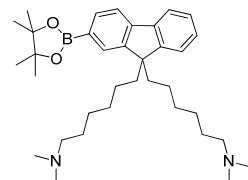
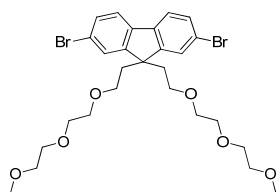
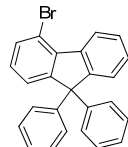
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	CAS# Formula FW	[1234499-56-9] C ₂₂ H ₃₇ NS ₂ Sn ₂ 617.09	
4-Dodecyl-2,6-bis(trimethylstannyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole		CAT# IN1441	
	CAS# Formula FW	[1065645-75-1] C ₂₆ H ₄₅ NS ₂ Sn ₂ 673.19	
Monomer-Fluorene Series			
2-Bromo-9H-fluorene		CAT# IN1224	
	CAS# Formula FW	[1133-80-8] C ₁₃ H ₉ Br 245.12	
2,7-Dibromo-9H-fluorene		CAT# IN1225	
	CAS# Formula FW	[16433-88-8] C ₁₃ H ₇ Br ₂ 324.01	
9H-fluorene-2,7-dicarboxylic acid		CAT# IN1917	
	CAS# Formula FW	[22980-67-2] C ₁₅ H ₁₀ O ₄ 254.24	
2-Nitro-9H-fluorene		CAT# IN1229	
	CAS# Formula FW	[607-57-8] C ₁₃ H ₉ NO ₂ 211.22	
7-Iodo-9H-fluorene-2-amine		CAT# IN1584	
	CAS# Formula FW	[34172-48-0] C ₁₃ H ₁₀ IN 307.13	
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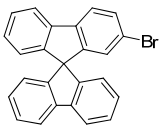
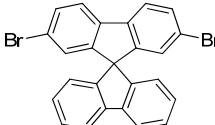
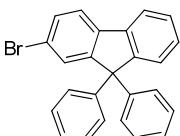
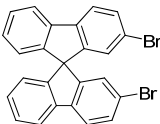
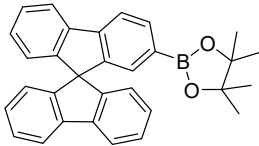
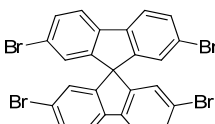
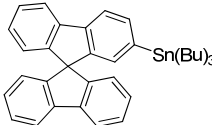
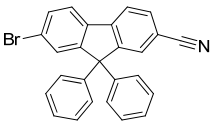
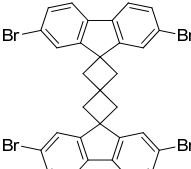
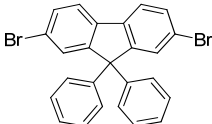
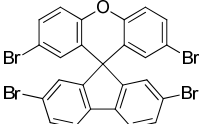
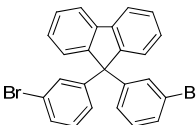
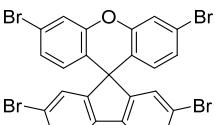
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4-Bromo-9,9-dimethyl-9H-fluorene		CAT# IN1218	
	CAS# Formula FW	[942615-32-9] C ₁₅ H ₁₃ Br 273.17	
2-Bromo-9,9-dimethyl-9H-fluorene		CAT# IN1220	
	CAS# Formula FW	[28320-31-2] C ₁₅ H ₁₃ Br 273.17	
2,7-Dibromo-9,9-dimethyl-9H-fluorene		CAT# IN1223	
	CAS# Formula FW	[28320-32-3] C ₁₅ H ₁₂ Br ₂ 352.06	
9,9-Dimethyl-9H-fluorene-2-amine		CAT# IN1230	
	CAS# Formula FW	[108714-73-4] C ₁₅ H ₁₅ N 209.29	
1-(9,9-Dimethyl-9H-fluorene-2-yl)ethanone		CAT# IN1290	
	CAS# Formula FW	[1716-16-0] C ₁₇ H ₁₆ O 236.31	
9,9-Dimethyl-9H-fluorene-2-carbaldehyde		CAT# IN1291	
	CAS# Formula FW	[1614-14-0] C ₁₆ H ₁₄ O 222.28	
7-Bromo-9,9-dimethyl-9H-fluorene-2-carbaldehyde		CAT# IN2007	
	CAS# Formula FW	[944940-90-3] C ₁₆ H ₁₃ BrO 301.18	

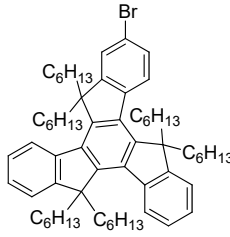
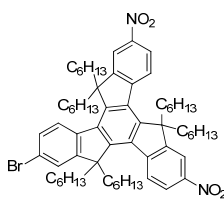
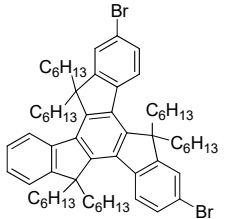
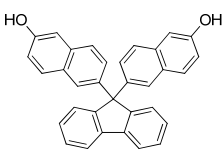
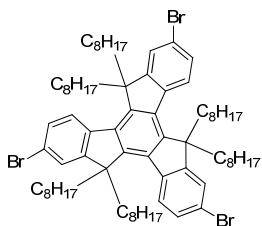
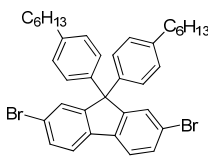
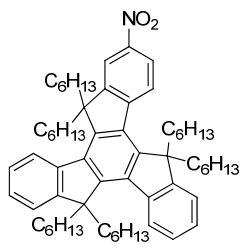
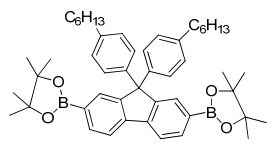
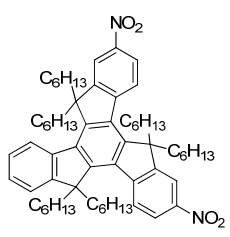
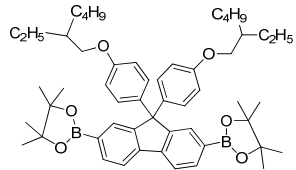
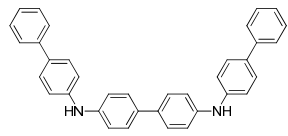
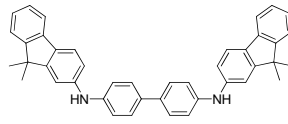
9-Bromo-11,11-dimethyl-11H-benzo[a]fluorene CAT# IN1216  CAS# [1198396-29-0] Formula C₁₉H₁₅Br FW 323.23	2,7-Dibromo-9,9-dipentyl-9H-fluorene CAT# IN2035  CAS# [1379684-20-4] Formula C₂₃H₂₈Br₂ FW 464.29
12,12-Dimethyl-11,12-dihydroindeno[2,1-a]carbazole CAT# IN1295  CAS# [1329054-41-2] Formula C₂₁H₁₇N FW 283.37	2,7-Dibromo-9,9-dihexyl-9H-fluorene CAT# IN1219  CAS# [189367-54-2] Formula C₂₅H₃₂Br₂ FW 492.33
9,9-Dichloro-9H-fluorene CAT# IN1231  CAS# [25023-01-2] Formula C₁₃H₈Cl₂ FW 235.11	2,7-Dibromo-9,9-diheptyl-9H-fluorene CAT# IN2047  CAS# [794548-76-8] Formula C₂₇H₃₆Br₂ FW 520.39
9-Hydroxyfluorene CAT# IN1227  CAS# [1689-64-1] Formula C₁₃H₁₀O FW 182.22	2-Bromo-9,9-bis(6-bromohexyl)-9H-fluorene CAT# IN1727  CAS# [438201-29-7] Formula C₂₅H₃₁Br₃ FW 571.23
2,7-Dibromo-9H-fluorenone CAT# IN1226  CAS# [14348-75-5] Formula C₁₃H₆Br₂O FW 337.99	2-(9,9-Bis(6-bromohexyl)-9H-fluoren-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN2727  CAS# [1030020-61-1] Formula C₃₁H₄₃BBr₂O₂ FW 618.30
2-Bromo-9H-fluorenone CAT# IN1228  CAS# [3096-56-8] Formula C₁₃H₇BrO FW 259.10	2,7-Dibromo-9,9-bis(6-bromohexyl)-9H-fluorene CAT# IN1728  CAS# [570414-33-4] Formula C₂₅H₃₀Br₄ FW 650.12
2,7-Dibromo-9,9-diethyl-9H-fluorene CAT# IN2031  CAS# [197969-58-7] Formula C₁₇H₁₆Br₂ FW 380.12	2,2'-(9,9-Bis(6-bromohexyl)-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN2728  CAS# [851775-62-7] Formula C₃₇H₅₄B₂Br₂O₄ FW 744.25
2,7-Dibromo-9,9-dibutyl-9H-fluorene CAT# IN2032  CAS# [188200-91-1] Formula C₂₁H₂₄Br₂ FW 436.23	2-(9,9-Dihexyl-9H-fluoren-2-yl)thiophene CAT# IN1729  CAS# [928227-56-9] Formula C₂₉H₃₆S FW 416.66

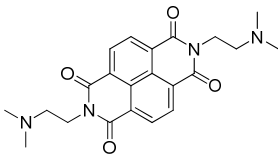
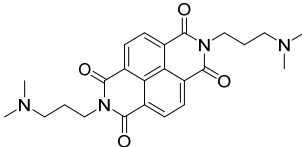
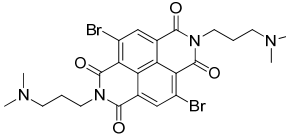
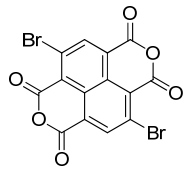
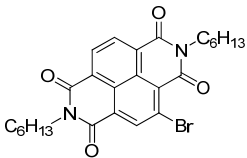
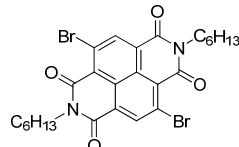
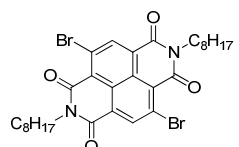
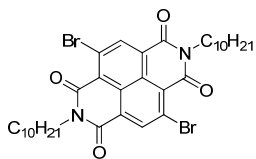
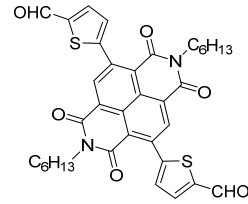
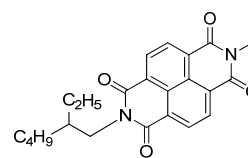
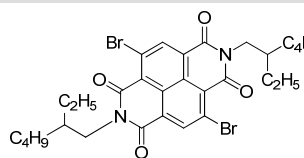
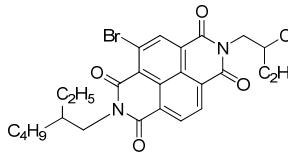
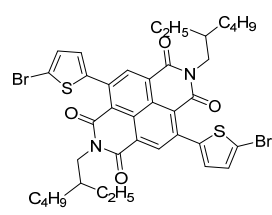
2-(9,9-Dioctyl-9H-fluorene-2-yl)thiophene CAT# IN1929  CAS# [302554-76-3] Formula C₃₃H₄₄S FW 472.77	2-Bromo-9,9-dioctyl-9H-fluorene CAT# IN1911  CAS# [302554-80-9] Formula C₂₉H₄₁Br FW 469.54
2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(1,3,2-dioxaborinane) CAT# IN1126  CAS# [250597-29-6] Formula C₃₁H₄₄B₂O₄ FW 502.30	2-(9,9-Dioctyl-9H-fluorene-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1912  CAS# [302554-81-0] Formula C₃₅H₅₃BO₂ FW 516.61
2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1123  CAS# [254755-24-3] Formula C₃₇H₅₆B₂O₄ FW 584.46	Di-tert-butyl 3,3'-(2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl) dipropanoate CAT# IN1932  CAS# [1067250-02-5] Formula C₃₃H₄₅BO₆ FW 548.52
2,7-Dibromo-9,9-dioctyl-9H-fluorene CAT# IN1221  CAS# [198964-46-4] Formula C₂₉H₄₀Br₂ FW 548.44	9,9,9',9'-Tetraoctyl-9H,9'H-2,2'-bifluorene CAT# IN1913  CAS# [302554-79-6] Formula C₅₈H₈₂ FW 779.27
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 C₄₁H₆₄B₂O₄ FW 642.57	7,7'-Bibromo-9,9,9',9'-tetraoctyl-9H,9'H-2,2'-bifluorene CAT# IN1915  CAS# [428865-53-6] Formula C₅₈H₈₀Br₂ FW 937.06
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 C₃₅H₅₂BBro₂ FW 595.50	7-Bromo-9,9,9',9'',9''-hexaoctyl-9H,9'H,9''H-2,2':2'',2''-terfluorene CAT# IN1914  CAS# [409093-95-4] Formula C₆₇H₁₂₁Br FW 1246.80
9,9-Dioctyl-9H-fluorene-2,7-diamine CAT# IN1012  CAS# [851042-10-9] Formula C₂₉H₄₄N₂ FW 420.67	7,7''-Dibromo-9,9,9',9'',9''-hexaoctyl-9H,9'H,9''H-2,2':2'',2''-terfluorene CAT# IN1916  CAS# [646474-54-6] Formula C₆₇H₁₂₀Br₂ FW 1325.69
9,9-Dioctyl-9H-fluorene-2,7-dicarbaldehyde CAT# IN1909  CAS# [380600-91-9] Formula C₃₁H₄₂O₂ FW 446.66	2,7-Dibromo-9,9-dinonyl-9H-fluorene CAT# IN2041  CAS# [480997-58-8] Formula C₃₁H₄₄Br₂ FW 576.50

2,2'-(9,9-Didecyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)	
CAT# IN2115	
	CAS# [711026-06-1] Formula $C_{45}H_{72}B_2O_4$ FW 698.67
2,7-Dibromo-9,9-didodecyl-9H-fluorene	
CAT# IN1232	
	CAS# [286438-45-7] Formula $C_{37}H_{56}Br_2$ FW 660.65
2,7-Dibromo-9,9-ditetradecyl-9H-fluorene	
CAT# IN2042	
	CAS# [490041-33-3] Formula $C_{41}H_{64}Br_2$ FW 716.77
2,7-Dibromo-9,9-dihexadecyl-9H-fluorene	
CAT# IN2044	
	CAS# [419568-36-8] Formula $C_{45}H_{72}Br_2$ FW 772.88
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 $C_{55}H_{73}BrN_2S_3Sn$ 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	
F8TBT CAT# IN1576	
	CAS# / Formula $C_{49}H_{58}BB_2N_2O_2S_3$ 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 $C_{57}H_{74}BB_2N_2O_2S_3$ FW 1006.12

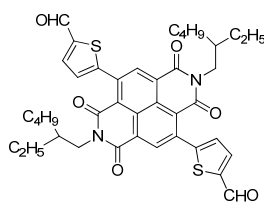
3,3'-(2,7-Dibromo-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1217	
	CAS# [673474-73-2] Formula $C_{23}H_{30}Br_2N_2$ FW 494.31
3,3'-(2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)	
CAT# IN1759	
	CAS# [953390-94-8] Formula $C_{35}H_{54}B_2N_2O_4$ 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 C₂₅H₁₅Br FW 395.29	2,7-Dibromo-9,9'-spirobifluorene CAT# IN1237  CAS# [171408-84-7] Formula C₂₅H₁₄Br₂ FW 474.19
2-Bromo-9,9-diphenyl-9H-fluorene CAT# IN1235  CAS# [474918-32-6] Formula C₂₅H₁₇Br FW 397.31	2,2'-Dibromo-9,9'-spirobi[9H-fluorene] CAT# IN1238  CAS# [67665-47-8] Formula C₂₅H₁₄Br₂ FW 474.19
2-(9,9'-Spirobi[fluoren]-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1643  CAS# [884336-44-1] Formula C₃₁H₂₇BO₂ FW 442.36	2,2',7,7'-Tetrabromo-9,9'-spirobifluorene CAT# IN1239  CAS# [128055-74-3] Formula C₂₅H₁₂Br₄ FW 631.98
9,9'-Spirobi[fluoren]-2-yltributylstannane CAT# IN1644  CAS# [2023839-51-0] Formula C₃₇H₄₂Sn FW 605.44	2,2',7,7'-Tetrakis(tributylstannyl)-9,9'-spirobi[fluorene] CAT# IN1299  CAS# [128055-74-3] Formula C₇₃H₁₂₀Sn₄ FW 1472.57
7-Bromo-9,9-diphenyl-9H-fluorene-2-carbonitrile CAT# IN1272  CAS# [1539314-80-1] Formula C₂₆H₁₆BrN FW 422.32	Spiro[3.3]heptane, 2,6-bis(2,7-dibromo-9H-fluorene)- CAT# IN1797  CAS# [1539314-80-1] Formula C₃₁H₂₀Br₄ FW 712.11
2,7-Dibromo-9,9-diphenyl-9H-fluorene CAT# IN1236  CAS# [186259-63-2] Formula C₂₅H₁₆Br₂ FW 476.20	2,2',7,7'-Tetrabromospiro[fluorene-9,9'-xanthene] CAT# IN1997  CAS# [1338596-81-8] Formula C₂₅H₁₂Br₄O FW 647.98
9,9-Bis(3-bromophenyl)-9H-fluorene CAT# IN1278  CAS# [1211547-22-6] Formula C₂₅H₁₆Br₂ FW 476.20	2,3',6',7'-Tetrabromospiro[fluorene-9,9'-xanthene] CAT# IN2000  CAS# [2092900-01-9] Formula C₂₅H₁₂Br₄O FW 647.99

2-Bromo-5,5,10,10,15,15-hexahexyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3003	2-Bromo-5,5,10,10,15,15-hexahexyl-7,12-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3015
 CAS# Formula FW C₆₃H₈₉Br 926.28	 CAS# Formula FW C₆₃H₈₇BrN₂O₄ 1016.28
2,7-Dibromo-5,5,10,10,15,15-hexahexyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3004	6,6'-(9H-Fluorene-9,9-diyl)dinaphthalen-2-ol CAT# IN1260
 CAS# Formula FW C₆₃H₈₉Br₂ 1005.18	 CAS# Formula FW [934557-66-1] C₃₃H₂₂O₂ 450.53
2,7,12-Tribromo-5,5,10,10,15,15-hexaoctyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3005	2,7-Dibromo-9,9-bis(4-hexylphenyl)-9H-fluorene CAT# IN1628
 CAS# Formula FW C₇₅H₁₁₁Br₃ 1252.40	 CAS# Formula FW / C₃₇H₄₀Br₂ 644.52
5,5,10,10,15,15-Hexahexyl-2-nitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3011	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# Formula FW C₆₃H₈₉NO₂ 892.39	 CAS# Formula FW [1206875-64-0] C₄₀H₆₄B₂O₄ 738.65
5,5,10,10,15,15-Hexahexyl-2,7-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3013	2,7-Bis(4,4,5,5-tetramethyl-1,3,3-dioxaboralan-2-yl)-9,9-bis(4-(2-ethylhexyloxy)phenyl)fluorene CAT# IN1264
 CAS# Formula FW C₆₃H₈₈N₂O₄ 937.38	 CAS# Formula FW C₅₃H₇₂B₂O₆ 826.76
	N',N'-di([1,1'-biphenyl]-4-yl)-[1,1'-biphenyl]-4,4'-diamine CAT# IN1268
	 CAS# Formula FW C₃₆H₂₈N₂ 488.62
	N',N'-bis(9,9-dimethyl-9H-fluoren-2-yl)-[1,1'-biphenyl]-4,4'-diamine CAT# IN1269
	 CAS# Formula FW C₄₂H₃₆N₂ 568.75

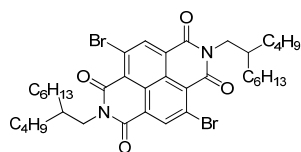
Monomer-NDI Series			
2,7-Bis(2-(dimethylamino)ethyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1071			
	CAS#	[22291-04-9]	
	Formula	C ₂₂ H ₂₄ N ₄ O ₄	
	FW	408.45	
2,7-Bis(3-(dimethylamino)propyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1996			
	CAS#	[3436-54-2]	
	Formula	C ₂₄ H ₂₈ N ₄ O ₄	
	FW	436.51	
4,9-Dibromo-2,7-bis(3-(dimethylamino)propyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-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-<i>def</i>]isochromene-1,3,6,8(3<i>aH</i>,8<i>aH</i>)-tetraone			
CAT# IN1072			
	CAS#	[83204-68-6]	
	Formula	C ₁₄ H ₄ Br ₂ O ₆	
	FW	425.97	
4-Bromo-2,7-diethylbenzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1020			
	CAS#	[1315605-26-5]	
	Formula	C ₂₆ H ₂₆ BrN ₂ O ₄	
	FW	513.42	
4,9-Dibromo-2,7-diethylbenzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8-tetraone			
CAT# IN1021			
	CAS#	[1239327-73-1]	
	Formula	C ₂₆ H ₂₆ 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[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1261			
	CAS#	/	
	Formula	C ₃₄ H ₄₄ Br ₂ N ₂ O ₄	
	FW	704.53	
5,5'-(2,7-Dihexyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[<i>lmn</i>][3,8]phenanthroline-4,9-diyl)bis(thiophene-2-carbaldehyde)			
CAT# IN1550			
	CAS#		
	Formula	C ₃₆ H ₃₄ N ₂ O ₆ S ₂	
	FW	654.79	
2,7-Bis(2-ethylhexyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1164			
	CAS#		
	Formula	C ₃₀ H ₃₈ N ₂ O ₄	
	FW	490.63	
4,9-Dibromo-2,7-bis(2-ethylhexyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1209			
	CAS#	[1088205-02-0]	
	Formula	C ₃₀ H ₃₆ Br ₂ N ₂ O ₄	
	FW	648.43	
4-Bromo-2,7-bis(2-ethylhexyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1210			
	CAS#		
	Formula	C ₃₀ H ₃₇ BrN ₂ O ₄	
	FW	569.53	
4,9-Bis(5-bromothiophen-2-yl)-2,7-bis(2-ethylhexyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone			
CAT# IN1854			
	CAS#	[1320282-67-4]	
	Formula	C ₃₈ H ₄₀ Br ₂ N ₂ O ₄ S 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



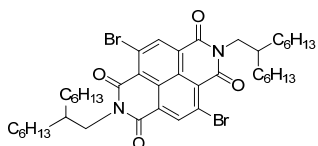
CAS#
Formula $C_{40}H_{42}N_2O_6S_2$
FW 710.90

4,9-Dibromo-2,7-bis(2-butyloctyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1265



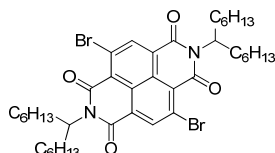
CAS# [1614253-96-1]
Formula $C_{38}H_{52}Br_2N_2O_4$
FW 760.64

4,9-Dibromo-2,7-bis(2-hexyloctyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1266



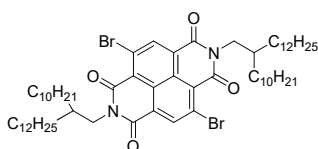
CAS# /
Formula $C_{42}H_{60}Br_2N_2O_4$
FW 816.74

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



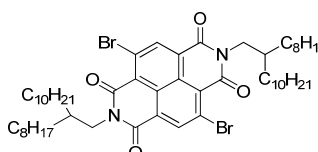
CAS#
Formula $C_{40}H_{56}Br_2N_2O_4$
FW 788.69

4,9-Dibromo-2,7-bis(2-decyltetradecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1022



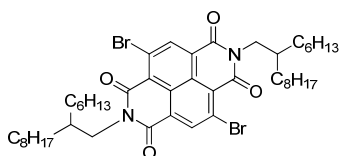
CAS# [1088205-04-2]
Formula $C_{62}H_{100}Br_2N_2O_4$
FW 1097.28

4,9-Dibromo-2,7-bis(2-octyldodecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1023



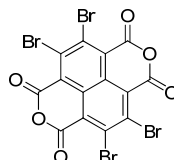
CAS# [1100243-35-3]
Formula $C_{64}H_{84}Br_2N_2O_4$
FW 985.06

4,9-Dibromo-2,7-bis(2-hexyldodecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1248



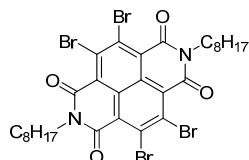
CAS# [1459168-68-3]
Formula $C_{46}H_{68}Br_2N_2O_4$
FW 872.85

4,5,9,10-Tetrabromoiso-chromeno[6,5,4-*def*]isochromene-1,3,6,8-tetraone
CAT# IN1073



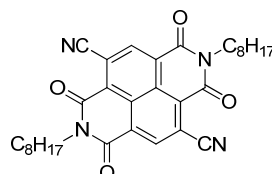
CAS# [299962-88-2]
Formula $C_{14}Br_4O_6$
FW 583.76

4,5,9,10-Tetrabromo-2,7-dioctylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone
CAT# IN1076



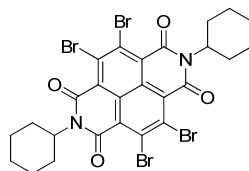
CAS# [954374-43-7]
Formula $C_{30}H_{34}Br_4N_2O_4$
FW 806.22

2,7-Dioctyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-dicarbonitrile
CAT# IN1876



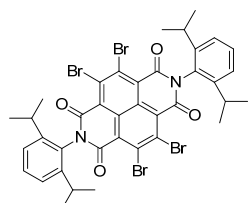
CAS# [942130-56-5]
Formula $C_{32}H_{36}N_4O_4$
FW 540.65

4,5,9,10-Tetrabromo-2,7-dicyclohexylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1276

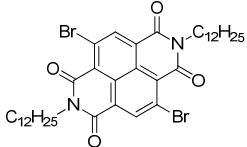
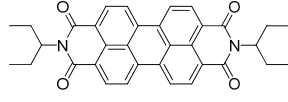
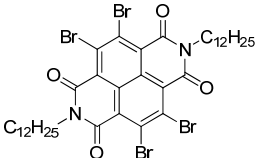
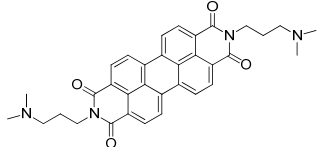
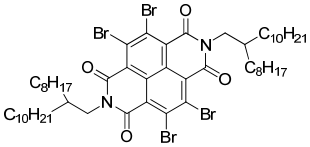
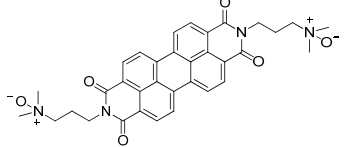
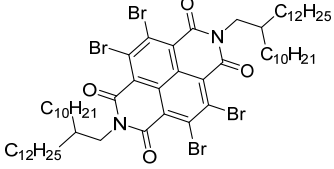
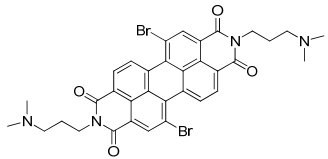
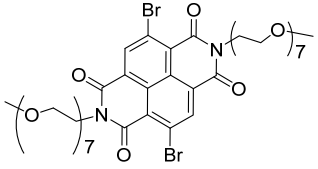
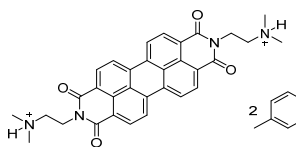
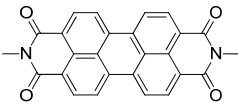
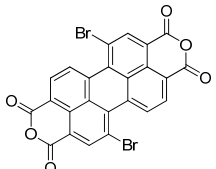
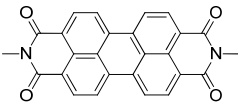
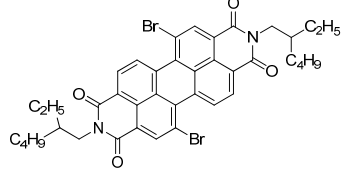


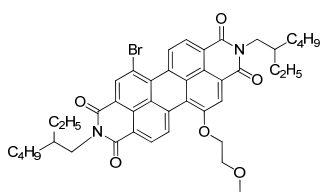
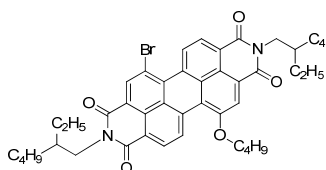
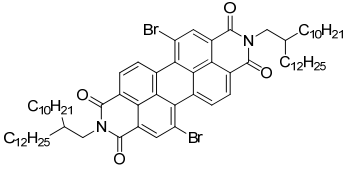
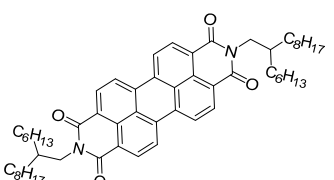
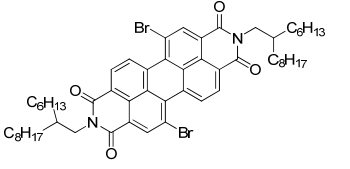
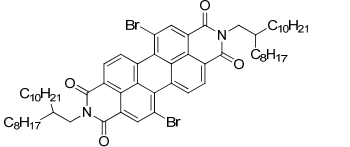
CAS# [2454552-14-6]
Formula $C_{26}H_{22}Br_4N_2O_4$
FW 746.08

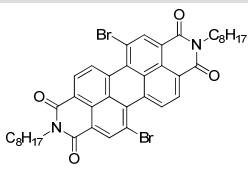
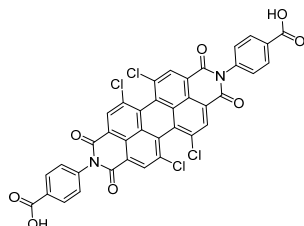
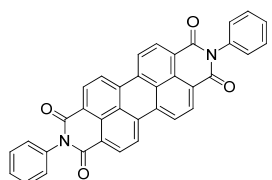
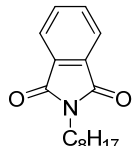
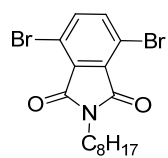
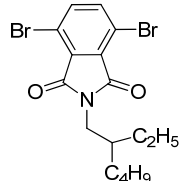
4,5,9,10-Tetrabromo-2,7-bis(2,6-diisopropylphenyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone
CAT# IN1536

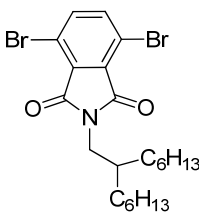
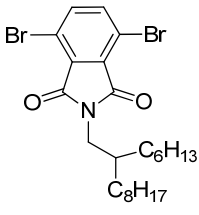
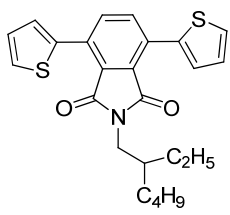
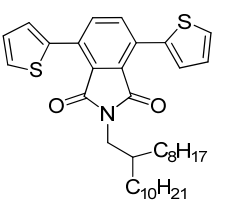
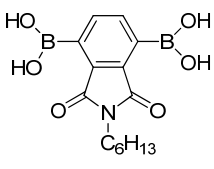
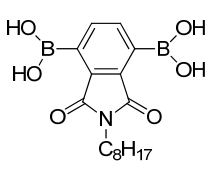


CAS# [943148-75-2]
Formula $C_{38}H_{34}Br_4N_2O_4$
FW 902.30

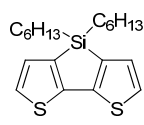
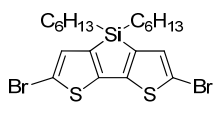
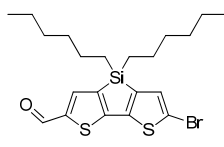
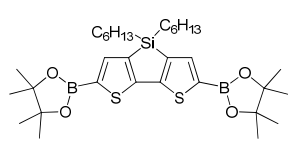
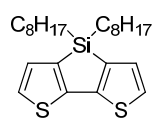
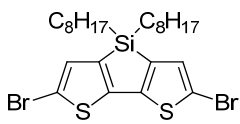
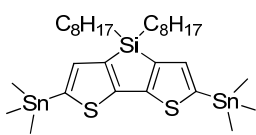
4,9-Dibromo-2,7-didodecylbenzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone CAT# IN1274	<i>N,N'</i>-Bis(pentan-3-yl)-3,4,9,10-perylene diimide CAT# IN1215
 CAS# [1444006-57-8] Formula C₃₈H₅₂Br₂N₂O₄ FW 760.64	 CAS# [110590-81-3] Formula C₃₄H₃₀N₂O₄ FW 530.61
4,5,9,10-Tetrabromo-2,7-didodecylbenzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8-tetraone CAT# IN1074	2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-<i>def</i>:6,5,10-<i>d'e'</i>']diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone PDIN CAT# IN1279
 CAS# [2086725-21-3] Formula C₃₈H₅₀Br₄N₂O₄ FW 918.43	 CAS# [117901-97-0] Formula C₃₄H₃₂N₄O₄ FW 560.64
4,5,9,10-Tetrabromo-2,7-bis(2-octyldodecyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8-tetraone CAT# IN1075	3,3'-(1,3,8,10-Tetraoxanthra[2,1,9-<i>def</i>:6,5,10-<i>d'e'</i>']diisoquinoline-2,9(1<i>H</i>,3<i>H</i>,8<i>H</i>,10<i>H</i>)-diyl)bis(<i>N,N</i>-dimethylpropan-1-amine oxide) PDINO CAT# IN1277
 CAS# [1219501-17-3] Formula C₆₄H₈₂Br₄N₂O₄ FW 1142.86	 CAS# [1558023-86-1] Formula C₃₄H₃₂N₄O₆ FW 592.64
4,5,9,10-Tetrabromo-2,7-bis(2-decyltetradecyl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone CAT# IN1747	5,12-Dibromo-2,9-bis(3-(dimethylamino)propyl)anthra[2,1,9-<i>def</i>:6,5,10-<i>d'e'</i>']diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone CAT# IN1289
 CAS# [1219501-16-2] Formula C₆₂H₈₈Br₄N₂O₄ FW 1255.07	 CAS# [1535171-00-6] Formula C₃₄H₃₀Br₂N₄O₄ FW 718.43
4,9-Dibromo-2,7-di(2,5,8,11,14,17,20-heptaoadocosan-22-yl)benzo[<i>lmn</i>][3,8]phenanthroline-1,3,6,8(2<i>H</i>,7<i>H</i>)-tetraone g7-NDI-Br2 CAT# IN1856	PBDI CAT# PBDI
 CAS# [2225708-89-2] Formula C₄₄H₆₄Br₂N₂O₁₈ FW 1068.79	 CAS# [1535171-00-6] Formula C₃₄H₃₀Br₂N₄O₄ FW 718.43
Monomer-PDI Series 2,9-Dimethylantra[2,1,9-<i>def</i>:6,5,10-<i>d'e'</i>']diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone CAT# IN1214	1,7-Dibromoperylene-3,4:9,10-tetracarboxylic acid dianhydride CAT# IN1211
 CAS# [118129-60-5] Formula C₂₆H₁₄N₂O₄ FW 418.40	 CAS# [118129-60-5] Formula C₂₄H₆Br₂O₆ FW 550.11
 CAS# [851786-15-7] Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56	 CAS# [851786-15-7] Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56

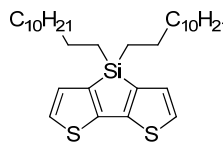
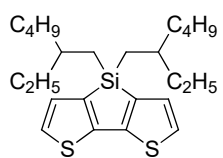
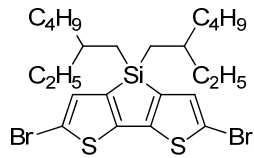
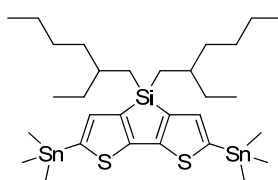
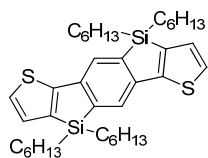
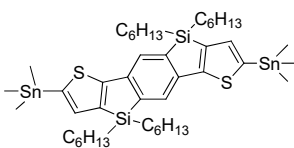
5-Bromo-2,9-bis(2-ethylhexyl)-12-(2-methoxyethoxy)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone	
CAT# IN1280	
	CAS# Formula FW C ₄₃ H ₄₇ BrN ₂ O ₆ 767.75
5-Bromo-12-butoxy-2,9-bis(2-ethylhexyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone	
CAT# IN1281	
	CAS# Formula FW [1356240-65-7] C ₄₄ H ₄₉ BrN ₂ O ₅ 765.77
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	
CAT# IN1213	
	CAS# Formula FW [909019-78-9] C ₇₂ H ₁₀₄ Br ₂ N ₂ O ₄ 1221.42
2,9-Bis(2-hexyldecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone	
CAT# IN1885	
	CAS# Formula FW [1331760-59-8] C ₉₆ H ₇₄ N ₂ O ₄ 839.20
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	
CAT# IN1285	
	CAS# Formula FW [2733830-29-8] C ₉₆ H ₇₂ Br ₂ N ₂ O ₄ 996.99
5,12-Dibromo-2,9-bis(2-octyldecyl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone	
CAT# IN1283	
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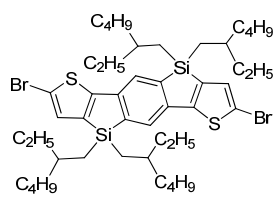
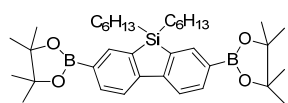
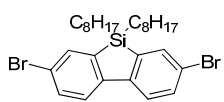
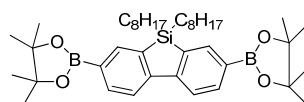
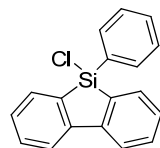
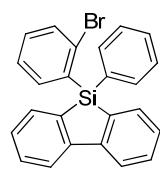
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CAT# IN1284	
	CAS# Formula FW [209111-67-1] C ₄₀ H ₄₀ Br ₂ N ₂ O ₄ 772.56
4,4'-(5,6,12,13-Tetrachloro-1,3,8,10-tetraoxoanthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-2,9(1H,3H,8H,10H)-diyl)dibenzoic acid	
CAT# IN1887	
	CAS# Formula FW [1103906-42-8] C ₃₈ H ₁₄ Cl ₄ N ₂ O ₈ 768.34
2,9-Diphenylantra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone	
CAT# IN1892	
	CAS# Formula FW [128-65-4] C ₃₆ H ₁₈ N ₂ O ₄ 542.54
Monomer-Phthalimide Series	
N-Octyl-phthalimide	
CAT# IN1028	
	CAS# Formula FW [59333-62-9] C ₁₆ H ₂₁ NO ₂ 259.34
N-Octyl-3,6-dibromophthalimide	
CAT# IN1036	
	CAS# Formula FW [1362255-33-1] C ₁₆ H ₁₃ Br ₂ NO ₂ 417.14
3,6-Dibromo-N-(2-ethylhexyl)phthalimide	
CAT# IN1424	
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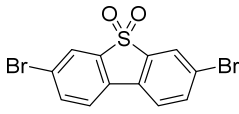
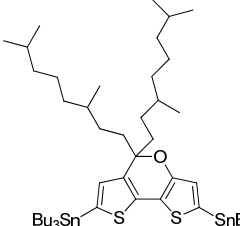
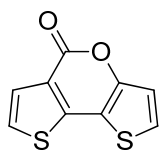
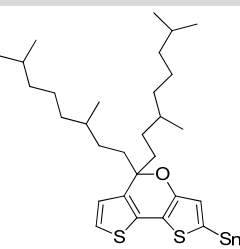
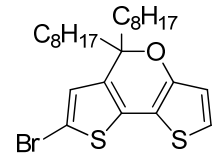
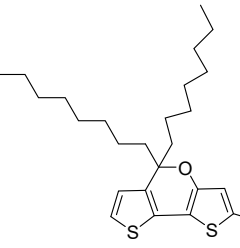
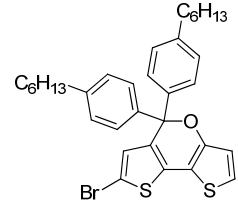
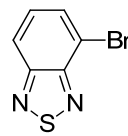
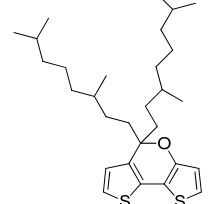
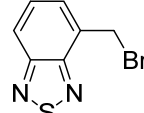
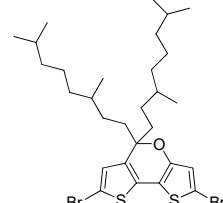
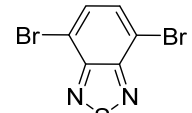
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CAT# IN1426	
	CAS# Formula $C_{22}H_{31}Br_2NO_2$ FW 501.30
4,7-Dibromo-2-(2-hexyldecyl)isoindoline-1,3-dione	
CAT# IN1427	
	CAS# [1612792-27-4] Formula $C_{24}H_{35}Br_2NO_2$ FW 529.35
3,6-Bis(thieno-2-yl)-N-(2-ethylhexyl)phthalimide	
CAT# IN1425	
	CAS# Formula $C_{24}H_{25}NO_2S_2$ FW 423.59
3,6-Bis(thieno-2-yl)-N-(2-octyldecyl)phthalimide	
CAT# IN1428	
	CAS# Formula $C_{36}H_{49}NO_2S_2$ FW 591.91
(2-Hexyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid	
CAT# IN1432	
	CAS# Formula $C_{14}H_{19}B_2NO_6$ FW 318.93
(2-Octyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid	
CAT# IN1433	
	CAS# Formula $C_{16}H_{23}B_2NO_6$ FW 346.98

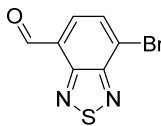
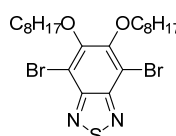
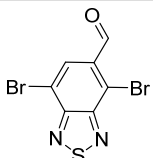
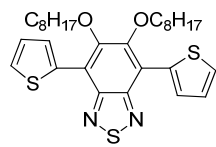
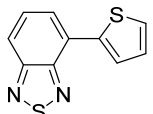
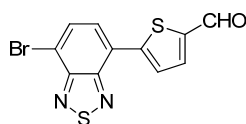
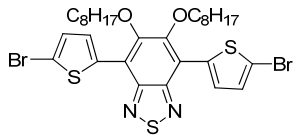
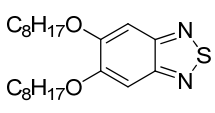
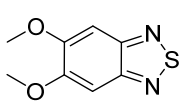
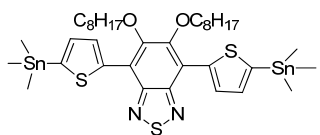
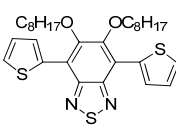
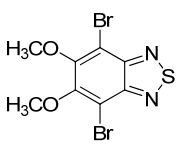
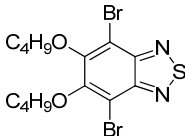
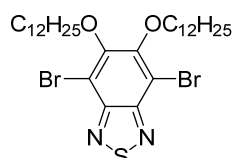
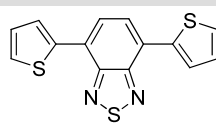
Monomer-Silole (DTS) Series

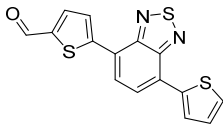
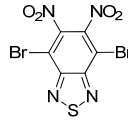
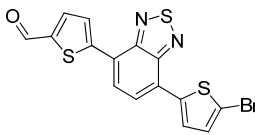
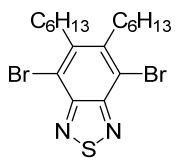
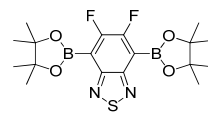
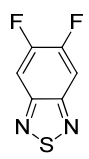
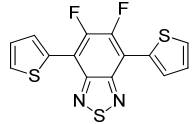
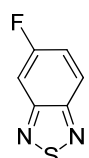
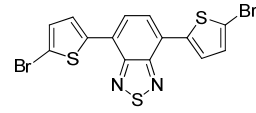
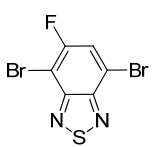
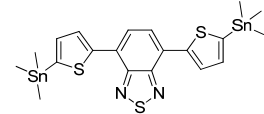
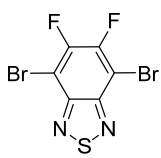
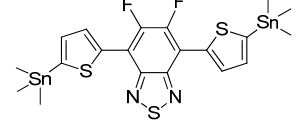
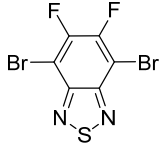
4,4-Dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene	
CAT# IN1874	
	CAS# [906372-08-5] Formula $C_{20}H_{30}S_2Si$ FW 362.67
2,6-Dibromo-4,4-dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene	
CAT# IN1251	
	CAS# [188690-66-6] Formula $C_{20}H_{28}Br_2S_2Si$ FW 520.46
6-Bromo-4,4-dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene-2-carbaldehyde	
CAT# IN1884	
	CAS# [1192035-50-9] Formula $C_{21}H_{28}BrOS_2Si$ FW 469.57
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 $C_{32}H_{52}B_2O_4S_2Si$ FW 614.59
4,4'-Bis(octyl)-dithieno[3,2-b:2',3'-d']silole	
CAT# IN1046	
	CAS# [1160106-12-6] Formula $C_{24}H_{38}S_2Si$ FW 418.77
4,4'-Bis(octyl)-5,5'-dibromo-dithieno[3,2-b:2',3'-d']silole	
CAT# IN1256	
	CAS# [1160106-14-8] Formula $C_{24}H_{36}Br_2S_2Si$ 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 $C_{30}H_{54}S_2SiSn_2$ FW 744.39

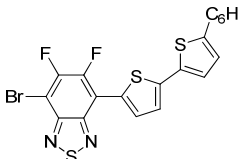
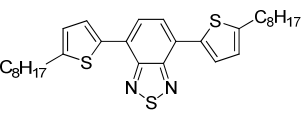
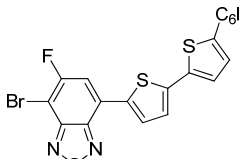
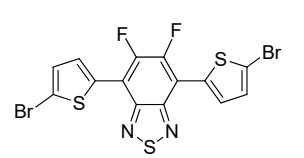
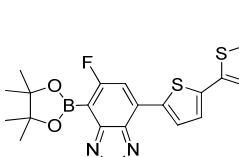
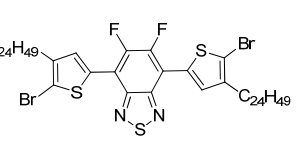
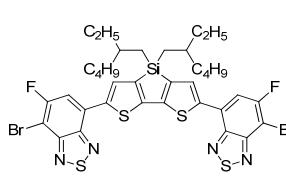
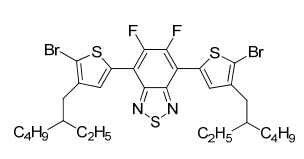
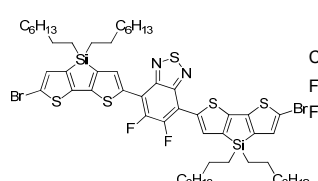
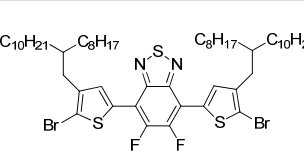
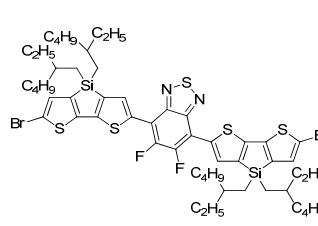
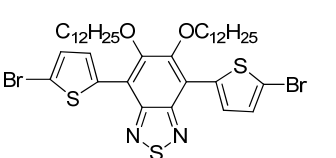
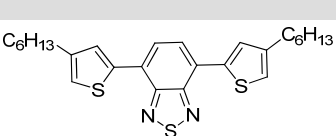
4,4-Didodecyl-4<i>H</i>-silolo[3,2-<i>b</i>:4,5-<i>b'</i>]dithiophene	
CAT# IN1271	
	CAS# [1500083-25-9] Formula C ₃₂ H ₅₄ S ₂ Si FW 530.99
4,4'-Bis(2-ethyl-hexyl)-dithieno[3,2-<i>b</i>:2',3'-<i>d'</i>]silole	
CAT# IN1253	
	CAS# [1207627-85-7] Formula C ₂₄ H ₃₆ S ₂ Si FW 418.77
4,4'-Bis(2-ethyl-hexyl)-5,5'-dibromo-dithieno[3,2-<i>b</i>:2',3'-<i>d'</i>]silole	
CAT# IN1254	
	CAS# [1089687-05-7] Formula C ₂₄ H ₃₆ Br ₂ S ₂ Si FW 576.57
4,4'-Bis(2-ethyl-hexyl)-5,5'-bis(trimethyltin)-dithieno[3,2-<i>b</i>:2',3'-<i>d'</i>]silole	
CAT# IN1255	
	CAS# [1089687-06-8] Formula C ₃₀ H ₅₄ S ₂ SiSn ₂ FW 744.39
Benzo[1,2-<i>b</i>:4,5-<i>b'</i>]bis(4,4'-dihexyl-4<i>H</i>-silolo[3,2-<i>b</i>]thiophene)	
CAT# IN1460	
	CAS# [2375815-04-4] Formula C ₃₈ H ₅₈ S ₂ Si ₂ FW 635.18
2,7-Bis(trimethylstannyl)-benzo[1,2-<i>b</i>:4,5-<i>b'</i>]bis(4,4'-dihexyl-4<i>H</i>-silolo[3,2-<i>b</i>]thiophene)	
CAT# IN1503	
	CAS# [1569453-45-7] Formula C ₄₄ H ₇₄ S ₂ Si ₂ Sn ₂ FW 960.78

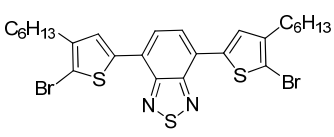
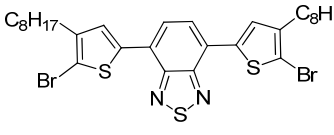
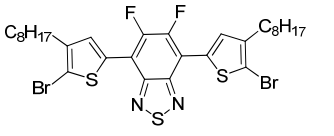
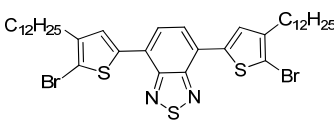
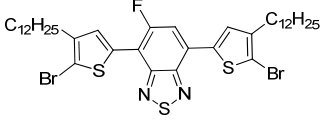
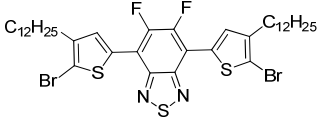
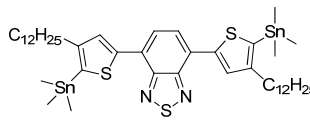
2,7-Dibromo-benzo[1,2-<i>b</i>:4,5-<i>b'</i>]bis(4,4'-diethylhexyl-4<i>H</i>-silolo[3,2-<i>b</i>]thiophene)	
CAT# IN1544	
	CAS# [1217503-11-1] Formula C ₄₆ H ₇₂ Br ₂ S ₂ Si ₂ FW 905.17
5,5-Dihexyl-3,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5<i>H</i>-dibenzo[<i>b</i>,<i>d'</i>]silole	
CAT# IN1434	
	CAS# [852138-91-1] Formula C ₃₆ H ₅₆ B ₂ O ₄ Si FW 602.53
3,7-Dibromo-5,5-dioctyl-5<i>H</i>-dibenzo[<i>b</i>,<i>d'</i>]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)-5<i>H</i>-dibenzo[<i>b</i>,<i>d'</i>]silole	
CAT# IN1454	
	CAS# [958293-23-7] Formula C ₄₀ H ₆₄ B ₂ O ₄ Si FW 658.64
5-Chloro-5-phenyl-5<i>H</i>-dibenzo[<i>b</i>,<i>d'</i>]silole	
CAT# IN1437	
	CAS# [18766-52-4] Formula C ₁₈ H ₁₃ ClSi FW 292.83
5-(2-Bromophenyl)-5-phenyl-5<i>H</i>-dibenzo[<i>b</i>,<i>d'</i>]silole	
CAT# IN1439	
	CAS# / Formula C ₂₄ H ₁₇ BrSi FW 413.38

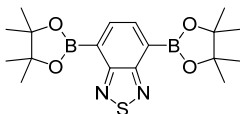
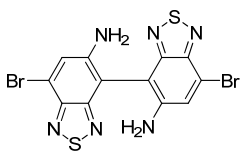
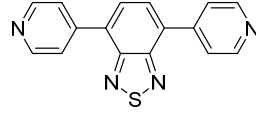
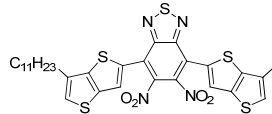
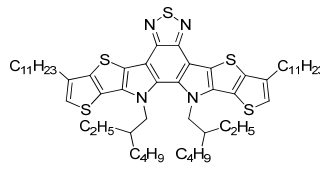
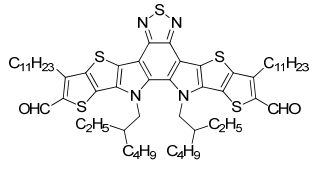
3,7-Dibromodibenzo[b,d]thiophene 5,5-dioxide CAT# IN2029	(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2,7-diyl)bis(tributylstannane) CAT# IN1510
 CAS# [83834-12-2] Formula $C_{12}H_6Br_2O_2S$ FW 374.05	 CAS# [1295502-52-1] Formula $C_{53}H_{98}OS_2Sn_2$ FW 1052.89
Monomer-DTPO Series	
5H-dithieno[3,2-b:2',3'-d]pyran-5-one CAT# IN1507	(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2-yl)tributylstannane CAT# IN1511
 CAS# [1295502-12-3] Formula $C_9H_4O_2S_2$ FW 208.26	 CAS# Formula $C_{41}H_{72}OS_2Sn$ FW 763.85
7-Bromo-5,5-dioctyl-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1810	Tributyl(5,5-dioctyl-5H-dithieno[3,2-b:2',3'-d]pyran-2-yl)stannane CAT# IN1551
 CAS# Formula $C_{25}H_{37}BrOS_2$ FW 497.59	 CAS# Formula $C_{37}H_{64}OS_2Sn$ FW 707.74
7-Bromo-5,5-bis(4-hexylphenyl)-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1811	Monomer-Benzo-thiadiazole (BT) Series
 CAS# Formula $C_{33}H_{37}BrOS_2$ FW 593.68	4-Bromobenzo[c][1,2,5]thiadiazole CAT# IN1447
5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1508	 CAS# [22034-13-5] Formula $C_6H_3BrN_2S$ FW 215.07
 CAS# [1295502-20-3] Formula $C_{29}H_{46}OS_2$ FW 474.80	4-(Bromomethyl)benzo[c][1,2,5]thiadiazole CAT# IN2447
2,7-Dibromo-5,5-bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1509	 CAS# [16405-99-5] Formula $C_7H_5BrN_2S$ FW 229.10
 CAS# Formula $C_{29}H_{44}Br_2OS_2$ FW 632.60	4,7-Dibromobenzo[c][1,2,5]thiadiazole CAT# IN1006
	 CAS# [15155-41-6] Formula $C_8H_2Br_2N_2S$ FW 293.97

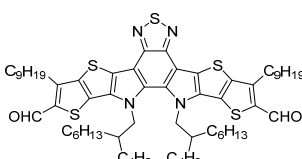
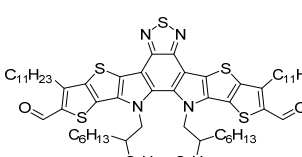
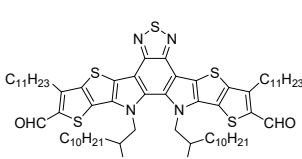
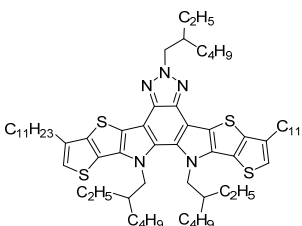
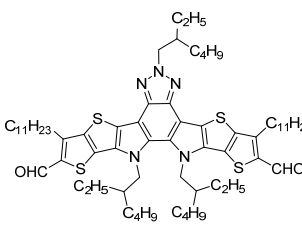
7-Bromobenzo[c][1,2,5]thiadiazole-4-carbaldehyde CAT# IN1446  CAS# [1071224-34-4] Formula C₇H₃BrN₂OS FW 243.08	4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1038  CAS# [1192352-08-1] Formula C₂₂H₃₄Br₂N₂O₂S FW 550.39
4,7-Dibromobenzo[c][1,2,5]thiadiazole-5-carbaldehyde CAT# IN1901  CAS# [1628918-63-7] Formula C₇H₂Br₂N₂OS FW 321.98	5,6-Bis(octyloxy)-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1039  CAS# [1192352-09-2] Formula C₃₀H₄₀N₂O₂S₃ FW 556.85
4-(Thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN2046  CAS# [212117-52-7] Formula C₁₀H₆N₂S₂ FW 218.29	4,7-Bis(5-bromothiophen-2-yl)5,6-bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1429
5-(7-Bromobenzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde CAT# IN1546  CAS# [1309922-61-9] Formula C₁₁H₅BrN₂OS₂ FW 325.20	 CAS# [1192352-10-5] Formula C₃₀H₃₈Br₂N₂O₂S₃ FW 714.64
5,6-Bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1037  CAS# [1254353-37-1] Formula C₂₂H₃₆N₂O₂S FW 392.60	5,6-Bis(octyloxy)-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1430
5,6-Dimethoxybenzo[c][1,2,5]thiadiazole CAT# IN1939  CAS# [1254353-35-9] Formula C₈H₈N₂O₂S FW 196.22	 CAS# [1642803-98-2] Formula C₃₆H₅₈N₂O₂S₃Sn₂ FW 882.46
4,7-Dibromo-5,6-dimethoxybenzo[c][1,2,5]thiadiazole CAT# IN1699	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# Formula C₃₈H₄₆N₂O₄S₃ FW 690.98
 CAS# [1415601-55-6] Formula C₈H₆Br₂N₂O₂S FW 354.02	4,7-Dibromo-5,6-bis(dodecyloxy)benzo[c][1,2,5]thiadiazole CAT# IN1198
4,7-Dibromo-5,6-dibutoxybenzo[c][1,2,5]thiadiazole CAT# IN1701  CAS# [1973413-17-0] Formula C₁₄H₁₈Br₂N₂O₂S FW 438.18	 CAS# [1313876-00-4] Formula C₃₀H₅₀Br₂N₂O₂S FW 662.60
	4,7-Di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1079  CAS# [165190-76-1] Formula C₁₄H₈N₂S₃ FW 300.42

5-(7-(Thiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde CAT# IN1845	4,7-Dibromo-5,6-dinitrobenzo[c][1,2,5]thiadiazole CAT# IN1293
 CAS# [1042440-26-5] Formula C₁₅H₈N₂OS₃ FW 328.43	 CAS# [76186-72-6] Formula C₆Br₂N₄O₄S FW 383.96
5-(7-(5-Bromothiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde CAT# IN1849	4,7-Dibromobenzo[c][1,2,5]thiadiazole-5,6-diamine CAT# IN1298
 CAS# [1315507-67-5] Formula C₁₅H₇BrN₂OS₃ FW 407.33	 CAS# [141215-32-9] Formula C₆H₄Br₂N₄S FW 324.00
4,7-Dibromo-5,6-dihexylbenzo[c][1,2,5]thiadiazole CAT# IN1680	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 C₁₈H₂₆Br₂N₂S FW 462.29	 CAS# [1295502-63-4] Formula C₁₈H₂₆B₂F₂N₂O₄S FW 424.08
5,6-Difluorobenzo[c][1,2,5]thiadiazole CAT# IN1308	5,6-difluoro-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1097
 CAS# [1293389-28-2] Formula C₆H₂F₂N₂S FW 172.16	 CAS# [1304773-88-3] Formula C₁₄H₆F₂N₂S₃ FW 336.40
5-Fluorobenzo[c][1,2,5]thiadiazole CAT# IN1422	4,7-Bis(2-bromo-5-thienyl)-2,1,3-benzothiadiazole CAT# IN1069
 CAS# [17821-75-9] Formula C₆H₃FN₂S FW 154.16	 CAS# [288071-87-4] Formula C₁₄H₆Br₂N₂S₃ FW 458.21
4,7-Dibromo-5-fluorobenzo[c][1,2,5]thiadiazole CAT# IN1092	4,7-Bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1195
 CAS# [1347736-74-6] Formula C₆HBr₂FN₂S FW 311.96	 CAS# [1025451-57-3] Formula C₂₀H₂₄N₂S₃Sn₂ FW 626.03
5,6-Difluoro-4,7-dibromobenzo[c][1,2,5]thiadiazole CAT# IN1098	5,6-Difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1597
 CAS# [1295502-53-2] Formula C₆Br₂F₂N₂S FW 329.95	 CAS# [1421762-30-2] Formula C₂₀H₂₂F₂N₂S₃Sn₂ FW 662.01
 CAS# [1611002-56-2] Formula C₂₀H₂₃FN₂S₃Sn₂ FW 644.02	5-Fluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1600

4-Bromo-5,6-difluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole CAT# IN1599	4,7-Bis(5-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1196
 CAS# [1774364-87-2] Formula $C_{20}H_{17}BrF_2N_2S_3$ FW 499.46	 CAS# [1171974-28-9] Formula $C_{30}H_{40}N_2S_3$ FW 524.85
4-Bromo-5-fluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole CAT# IN1560	4,7-Bis(5-bromothiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1197
 CAS# [1402460-83-6] Formula $C_{20}H_{18}BrFN_2S_3$ FW 481.47	 CAS# [1304773-89-4] Formula $C_{14}H_4Br_2F_2N_2S_3$ FW 494.19
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	4,7-Bis(5-bromo-4-(2-tetracosyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1564
 CAS# / Formula $C_{28}H_{30}BFN_2O_2S_3$ FW 528.53	 CAS# / Formula $C_{62}H_{100}Br_2F_2N_2S_3$ FW 1167.47
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	4,7-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1565
 CAS# / Formula $C_{36}H_{38}Br_2F_2N_4S_4Si$ FW 880.86	 CAS# [1293389-31-7] Formula $C_{30}H_{36}Br_2F_2N_2S_3$ FW 718.62
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 CAT# IN1567	4,7-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1566
 CAS# / Formula $C_{64}H_{72}Br_2F_2N_2S_5Si_2$ FW 1163.46	 CAS# [1504626-07-6] Formula $C_{54}H_{84}Br_2F_2N_2S_3$ FW 1055.26
4,7-Bis(6-bromo-4,4-bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophene-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1569	4,7-Bis(5-bromothiophen-2-yl)-5,6-bis(dodecyloxy)benzo[c][1,2,5]thiadiazole CAT# IN1199
 CAS# [1432791-00-8] Formula $C_{54}H_{72}Br_2F_2N_2S_5Si_2$ FW 1163.46	 CAS# [1334686-71-3] Formula $C_{38}H_{54}Br_2N_2O_2S_3$ FW 826.85
	4,7-Bis(4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1249
	 CAS# [761416-46-0] Formula $C_{26}H_{32}N_2S_3$ FW 468.74

4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1244	
	CAS# [444579-39-9] Formula $C_{26}H_{30}Br_2N_2S_3$ FW 626.53
4,7-Bis(5-bromo-4-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1245	
	CAS# [457931-23-6] Formula $C_{30}H_{38}Br_2N_2S_3$ FW 682.64
4,7-Bis(5-bromo-4-octylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1246	
	CAS# [1283598-36-6] Formula $C_{30}H_{36}Br_2F_2N_2S_3$ FW 718.62
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1243	
	CAS# [1179993-72-6] Formula $C_{38}H_{54}Br_2N_2S_3$ FW 794.85
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)-5-fluorobenzo[c][1,2,5]thiadiazole CAT# IN1605	
	CAS# [1373834-93-5] 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

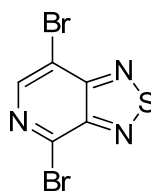
4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole CAT# IN1348	
	CAS# [934365-16-9] Formula $C_{18}H_{26}B_2N_2O_4S$ FW 388.10
7,7'-Dibromo-4,4'-bibenzo[c][1,2,5]thiadiazole-5,5'-diamine CAT# IN1349	
	CAS# Formula $C_{12}H_6Br_2N_6S_2$ FW 458.15
4,7-Di(pyridin-4-yl)benzo[c][1,2,5]thiadiazole CAT# IN2060	
	CAS# [692259-93-1] Formula $C_{16}H_{10}N_4S$ FW 290.34
5,6-Dinitro-4,7-bis(6-undecylthieno[3,2-b]thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1948	
	CAS# [2304444-50-4] 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-butyloctyl)-3,9-dinonyl-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# IN1952			
	CAS#	C ₆₂ H ₉₀ N ₄ O ₂ S ₅	
	Formula	1083.73	
	FW		
12,13-Bis(2-butyloctyl)-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# IN2094			
	CAS#	[2389125-24-8]	
	Formula	C ₆₆ H ₉₈ N ₄ O ₂ S ₅	
	FW	1139.84	
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#	[2599837-57-5]	
	Formula	C ₈₂ H ₁₃₀ N ₄ O ₂ S ₅	
	FW	1364.26	
6,12,13-Tris(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-6H-thieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b][1,2,3]triazolo[4,5-e]indole			
CAT# IN1956			
	CAS#	[2410945-62-7]	
	Formula	C ₆₄ H ₉₉ N ₅ S ₄	
	FW	1066.76	
6,12,13-Tris(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-6H-thieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b][1,2,3]triazolo[4,5-e]indole-2,10-dicarbaldehyde			
CAT# IN1957			
	CAS#	[2410945-63-8]	
	Formula	C ₆₆ H ₉₉ N ₅ O ₂ S ₄	
	FW	1122.79	

Monomer-Thiadiazolopyridine (TP) Series

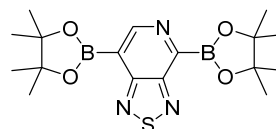
4,7-Dibromo-[1,2,5]thiadiazolo[3,4-c]pyridine

CAT# IN1202


CAS# [333432-27-2]
Formula C₅HBr₂N₃S
FW 294.95

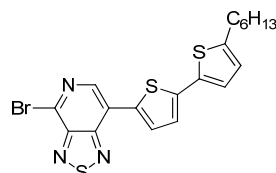
4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine

CAT# IN1672


CAS# [1883586-01-3]
Formula C₁₇H₂₅B₂N₃O₄S
FW 389.09

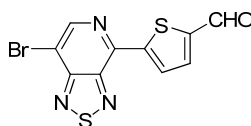
4-Bromo-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine

CAT# IN1561


CAS# [1361034-02-7]
Formula C₁₉H₁₈BrN₃S₃
FW 464.47

5-(7-Bromo-[1,2,5]thiadiazolo[3,4-c]pyridin-4-yl)thiophene-2-carbaldehyde

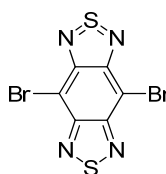
CAT# IN1549


CAS# [1531590-87-0]
Formula C₁₀H₄BrN₃OS₂
FW 326.19

Monomer-Benzobisthiadiazole (BBT) Series

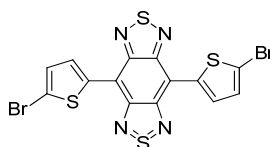
4,8-Dibromo-benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole

CAT# IN1201

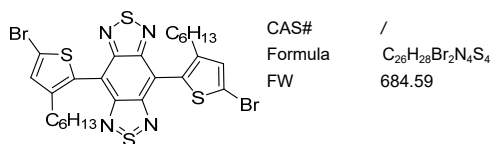

CAS# [165617-59-4]
Formula C₆Br₂N₄S₂
FW 352.03

4,8-Bis(5-bromo-thiophen-2-yl)benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole

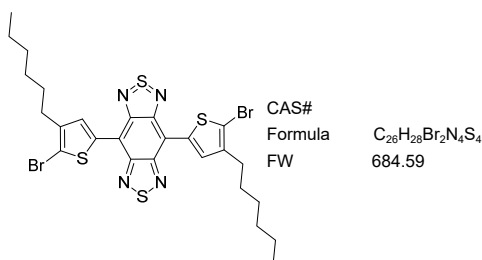
CAT# IN2120


CAS# [886746-58-3]
Formula C₁₄H₄Br₂N₄S₄
FW 516.26

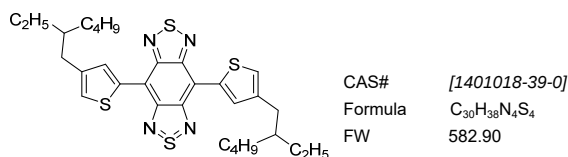
4,8-Bis(5-bromo-3-(2-hexyl)-2-thienyl)-2λ⁴σ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2070



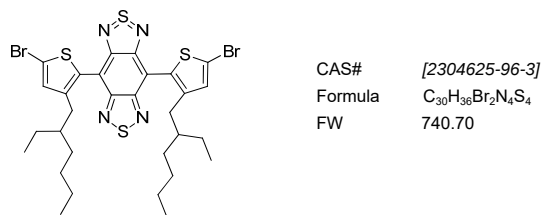
4,8-Bis(5-bromo-4-(2-hexyl)thiophen-2-yl)benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2071



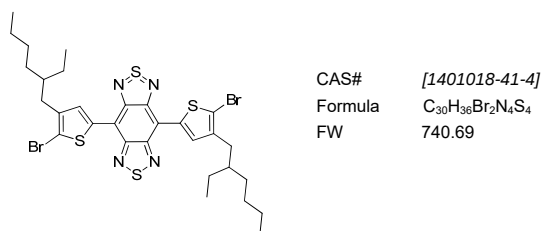
4,8-Bis(4-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2072



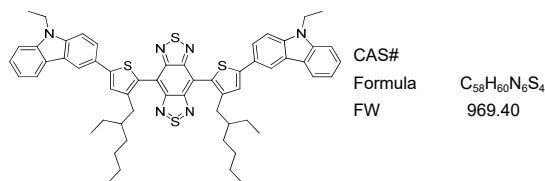
4,8-Bis(5-bromo-3-(2-ethylhexyl)-2-thienyl)-2λ⁴σ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN1572



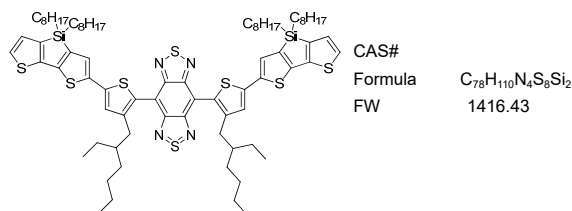
4,8-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2073



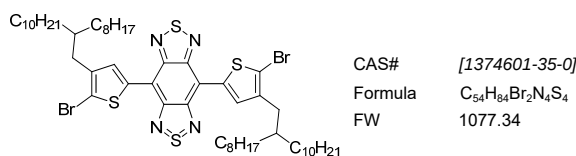
4,8-Bis(5-(9-ethyl-9H-carbazolyl)-3-(2-ethylhexyl)-2-thienyl)-2λ⁴σ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2074



4,8-Bis(5-(4,4-dioctyl-4H-silolo[3,2-b:4,5-b']dithiophene-yl)-3-(2-ethylhexyl)-2-thienyl)-2λ⁴σ²-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN2075

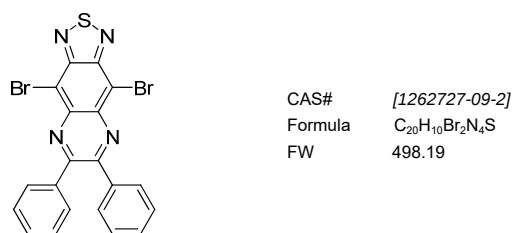


3,8-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole
CAT# IN1573

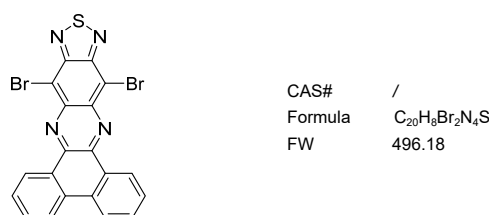


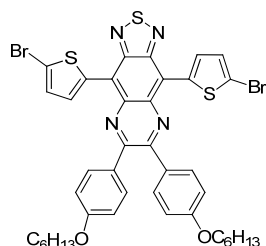
Monomer-DPTQ Series

4,9-Dibromo-6,7-diphenyl-[1,2,5]thiadiazolo[3,4-g]quinoxaline
CAT# IN1203

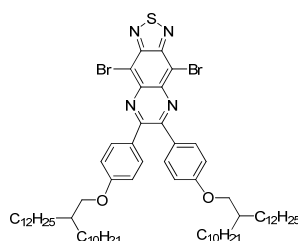


10,14-Dibromodibenzo[a,c][1,2,5]thiadiazolo[3,4-i]phenazine
CAT# IN2013

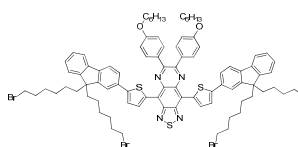


4,9-Bis-(5-bromo-thiophen-2-yl)-6,7-bis-(4-hexyloxy-phenyl)-2-thia-1,3,5,8-tetraaza-cyclopenta[b]naphthalene
CAT# IN1620


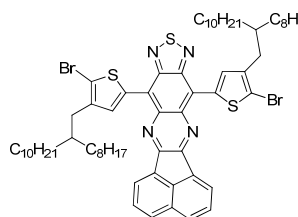
CAS# [1547443-69-5]
 Formula $C_{40}H_{38}Br_2N_4O_2S_3$
 FW 862.76

4,9-Dibromo-6,7-bis(4-((2-decyltetradecyl)oxy)phenyl)-[1,2,5]thiadiazolo[3,4-g]quinoxaline
CAT# IN1621


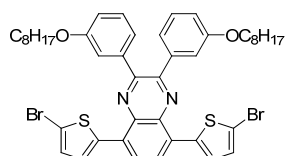
CAS# /
 Formula $C_{68}H_{106}Br_2N_4O_2S$
 FW 1203.47

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


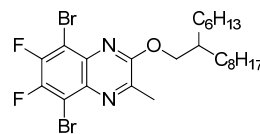
CAS# /
 Formula $C_{90}H_{100}Br_4N_4O_2S_3$
 FW 1685.59

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


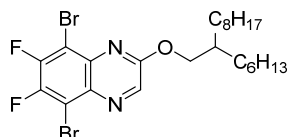
CAS# /
 Formula $C_{66}H_{90}Br_2N_4S_3$
 FW 1195.45

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


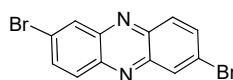
CAS# [1100761-34-9]
 Formula $C_{44}H_{48}Br_2N_2O_2S_2$
 FW 860.80

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


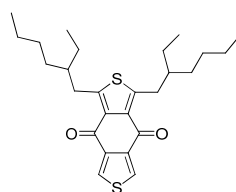
CAS# [2414359-15-0]
 Formula $C_{25}H_{36}Br_2F_2N_2O$
 FW 578.37

5,8-Dibromo-6,7-difluoro-2-((2-hexyldecyl)oxy)quinoxaline
CAT# IN1923


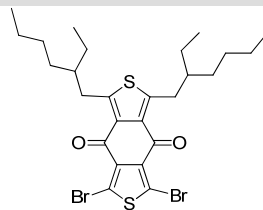
CAS# [2269476-12-0]
 Formula $C_{24}H_{34}Br_2F_2N_2O$
 FW 564.34

2,7-Dibromophenazine
CAT# IN1632


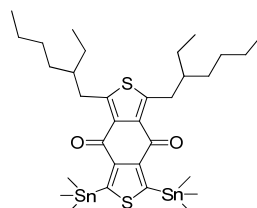
CAS# [36848-40-5]
 Formula $C_{12}H_6Br_2N_2$
 FW 338.00

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


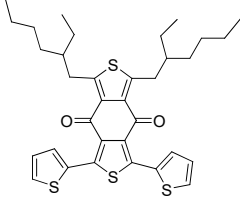
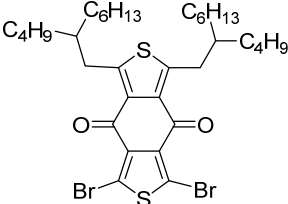
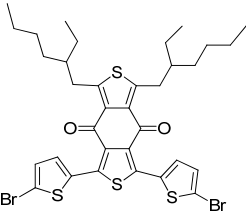
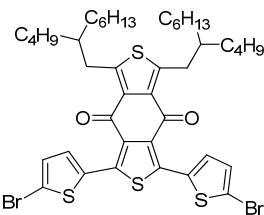
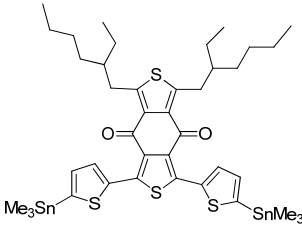
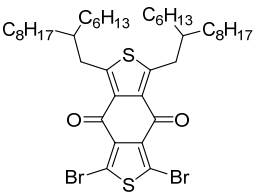
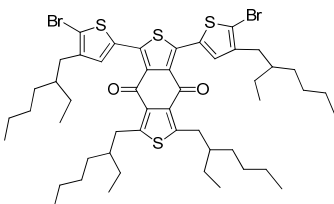
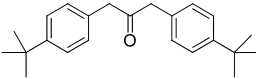
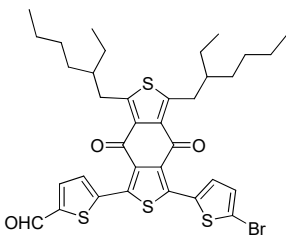
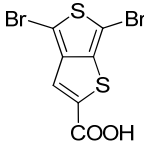
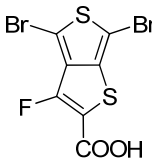
CAS# [2558203-27-1]
 Formula $C_{26}H_{36}O_2S_2$
 FW 444.69

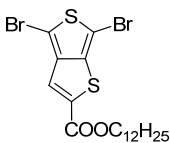
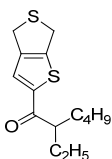
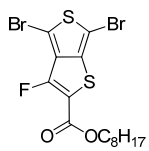
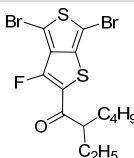
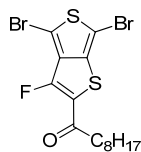
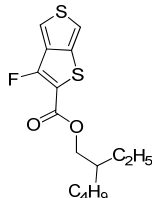
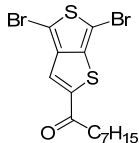
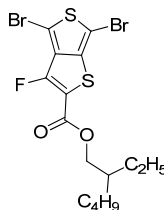
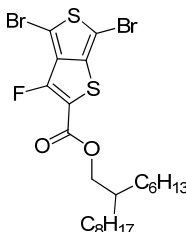
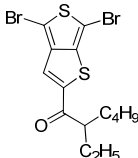
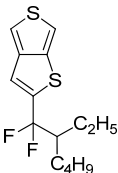
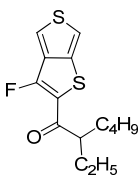
1,3-Dibromo-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1651


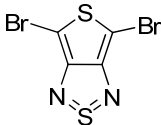
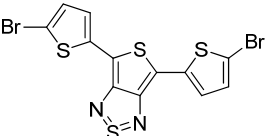
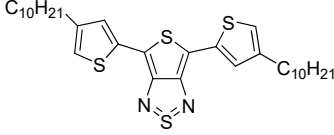
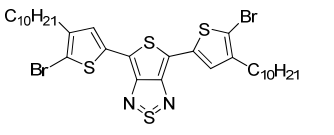
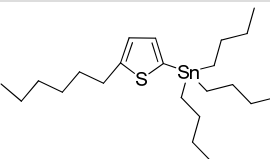
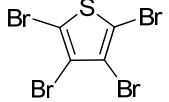
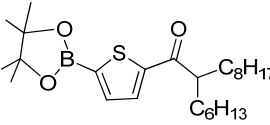
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 FW 602.48

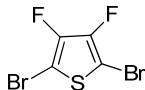
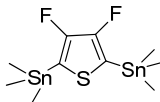
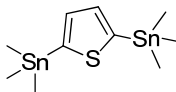
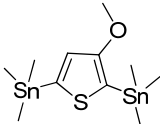
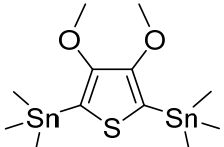
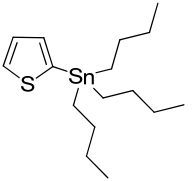
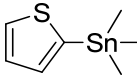
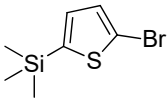
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CAT# IN1652


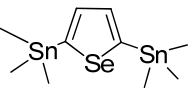
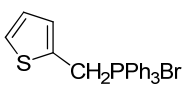
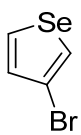
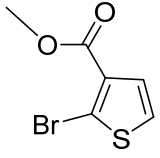
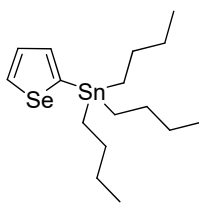
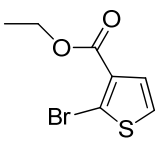
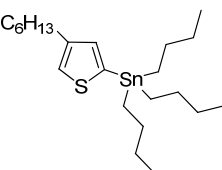
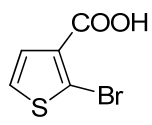
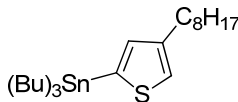
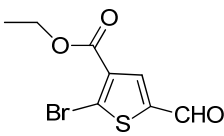
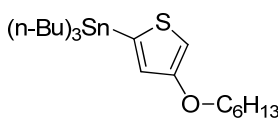
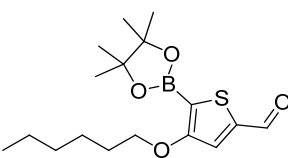
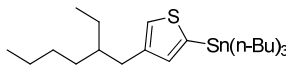
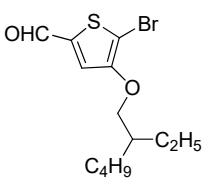
CAS# /
 Formula $C_{32}H_{52}O_2S_2Sn_2$
 FW 770.30

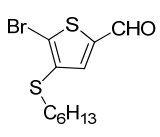
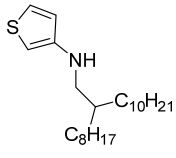
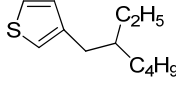
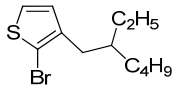
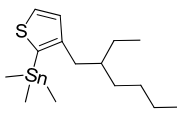
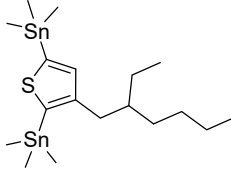
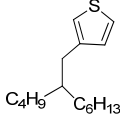
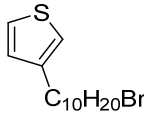
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1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione CAT# IN1653  CAS# [1415929-78-0] Formula C₃₄H₃₈Br₂O₂S₄ FW 766.73	1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-butyloctyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione CAT# IN1658  CAS# [2093197-75-0] Formula C₄₂H₅₄Br₂O₂S₄ FW 878.94
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 C₄₀H₅₆O₂S₄Sn₂ FW 934.55	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 C₄₂H₆₆Br₂O₂S₂ FW 826.91
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 C₅₀H₇₀Br₂O₂S₄ FW 991.16	1,3-Bis(4-(tert-butyl)phenyl)propan-2-one CAT# IN1634  CAS# [64321-35-3] Formula C₂₃H₃₀O FW 322.48
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 C₃₅H₃₉BrO₃S₄ FW 715.85	Monomer-Thiophene Series 4,6-Dibromo-thieno[3,4-b]thiophene-2-carboxylic acid CAT# IN1014  CAS# [1024594-86-2] Formula C₇H₂Br₂O₂S₂ FW 342.03 4,6-Dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylic acid CAT# IN1019  CAS# [1628427-36-0] Formula C₇HBr₂FO₂S₂ FW 360.02

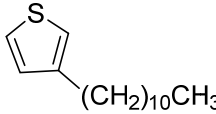
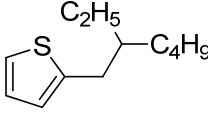
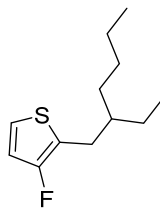
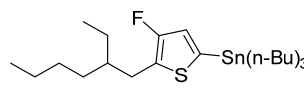
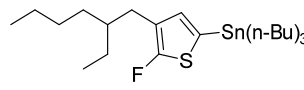
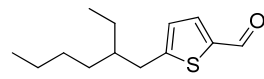
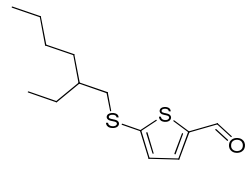
Dodecyl 4,6-dibromothieno[3,4-<i>b</i>]thiophene-2-carboxylate CAT# IN1007  CAS# [1098102-93-2] Formula $C_{19}H_{26}Br_2O_2S_2$ FW 510.3	1-(4,6-Dihydrothieno[3,4-<i>b</i>]thiophen-2-yl)-2-ethylhexan-1-one CAT# IN1054  CAS# [1194605-72-5] Formula $C_{14}H_{20}OS_2$ FW 268.44
Octyl 4,6-dibromo-3-fluorothieno[3,4-<i>b</i>]thiophene-2-carboxylate CAT# IN1017  CAS# [1160823-76-6] Formula $C_{15}H_{17}Br_2FO_2S_2$ FW 472.23	1-(4,6-Dibromo-3-fluorothieno[3,4-<i>b</i>]thiophen-2-yl)-2-ethylhexan-1-one CAT# IN1090  CAS# [1352743-83-9] Formula $C_{14}H_{15}Br_2FOS_2$ FW 442.20
1-(4,6-Dibromo-3-fluorothieno[3,4-<i>b</i>]thiophen-2-yl)nonan-1-one CAT# IN1052  CAS# [1309764-86-0] Formula $C_{15}H_{17}Br_2FOS_2$ FW 456.23	2-Ethylhexyl 3-fluorothieno[3,4-<i>b</i>]thiophene-2-carboxylate CAT# IN1093  CAS# [1401716-01-5] Formula $C_{15}H_{19}FO_2S_2$ FW 314.44
1-(4,6-Dibromothieno[3,4-<i>b</i>]thiophen-2-yl)octan-1-one CAT# IN1061  CAS# [1327334-59-7] Formula $C_{14}H_{16}Br_2OS_2$ FW 424.21	2-Ethylhexyl 4,6-dibromo-3-fluorothieno[3,4-<i>b</i>]thiophene-2-carboxylate CAT# IN1094  CAS# [1237479-38-7] Formula $C_{15}H_{17}Br_2FO_2S_2$ FW 472.23
1-(4,6-Dibromo-3-fluorothieno[3,4-<i>b</i>]thiophen-2-yl)octan-1-one CAT# IN1062  CAS# [1202249-72-6] Formula $C_{14}H_{15}Br_2FOS_2$ FW 442.20	2-Hexyldecyl 4,6-dibromo-3-fluorothieno[3,4-<i>b</i>]thiophene-2-carboxylate CAT# IN1194  CAS# [1446476-90-9] Formula $C_{23}H_{33}Br_2FO_2S_2$ FW 584.44
1-(4,6-Dibromothieno[3,4-<i>b</i>]thiophen-2-yl)-2-ethylhexan-1-one CAT# IN1091  CAS# [1194605-76-9] Formula $C_{14}H_{16}Br_2OS_2$ FW 424.21	2-(2-Ethyl-1,1-difluorohexyl)thieno[3,4-<i>b</i>]thiophene CAT# IN1063  CAS# / Formula $C_{14}H_{18}F_2S_2$ FW 288.42
2-Ethyl-1-(3-fluorothieno[3,4-<i>b</i>]thiophen-2-yl)hexan-1-one CAT# IN1690  CAS# / Formula $C_{14}H_{17}FOS_2$ FW 284.41	

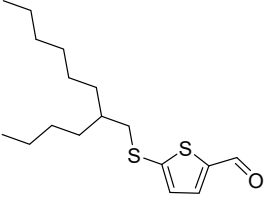
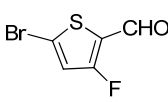
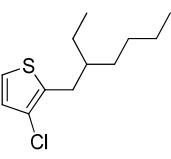
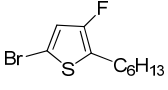
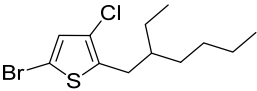
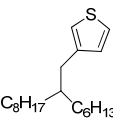
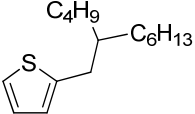
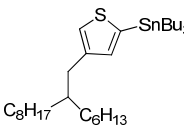
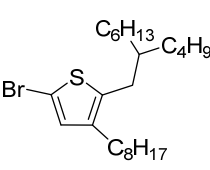
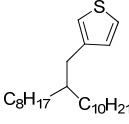
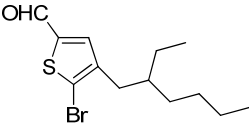
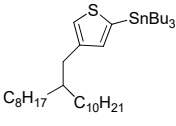
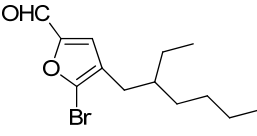
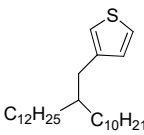
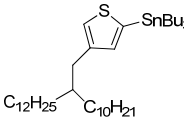
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CAT# IN1535		
	CAS#	[238756-91-7]
	Formula	C ₄ Br ₂ N ₂ S ₂
	FW	299.99
4,6-Bis(5-bromo-2-thienyl)thieno[3,4-c][1,2,5]thiadiazole		
CAT# IN1692		
	CAS#	[1145743-00-5]
	Formula	C ₁₂ H ₄ Br ₂ N ₂ S ₄
	FW	464.24
4,6-Bis(4-decylthiophen-2-yl)-thieno[3,4-c][1,2,5]thiadiazole(s)		
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

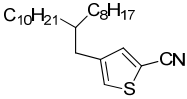
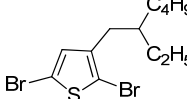
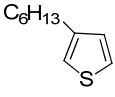
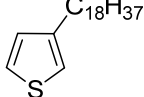
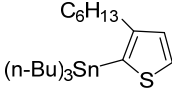
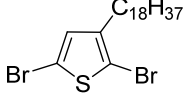
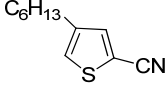
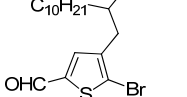
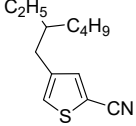
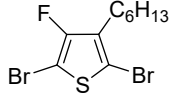
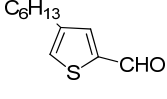
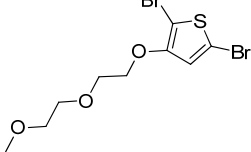
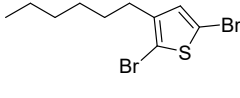
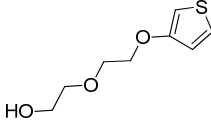
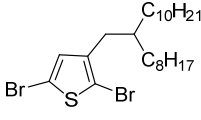
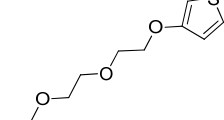
2,5-Dibromo-3,4-difluorothiophene		
CAT# IN1782		
	CAS#	[347838-15-7]
	Formula	C ₄ Br ₂ F ₂ S
	FW	277.91
(3,4-Difluorothiophene-2,5-diyl)bis(trimethylstannane)		
CAT# IN1783		
	CAS#	[870718-97-1]
	Formula	C ₁₀ H ₁₈ F ₂ SSn ₂
	FW	445.73
2,5-Bis(trimethylstannyl)thiophene		
CAT# IN1477		
	CAS#	[86134-26-1]
	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
(3,4-dimethoxythiophene-2,5-diyl)bis(trimethylstannane)		
CAT# IN2018		
	CAS#	[2102848-94-0]
	Formula	C ₁₂ H ₂₄ O ₂ SSn ₂
	FW	469.80
Tributyl(thiophen-2-yl)stannane		
CAT# IN1127		
	CAS#	[54663-78-4]
	Formula	C ₁₆ H ₃₀ SSn
	FW	373.18
Trimethyl(thiophen-2-yl)stannane		
CAT# IN2077		
	CAS#	[37496-13-2]
	Formula	C ₇ H ₁₂ SSn
	FW	246.94
(5-Bromothiophen-2-yl)trimethylsilane		
CAT# IN1512		
	CAS#	[18246-28-1]
	Formula	C ₇ H ₁₁ BrSSi
	FW	235.22

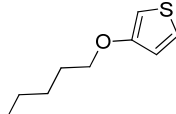
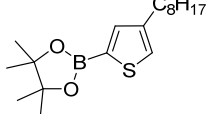
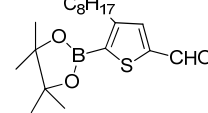
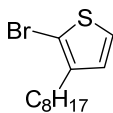
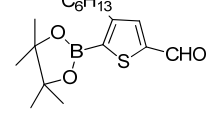
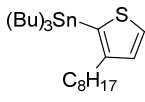
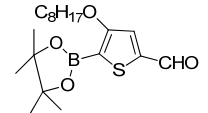
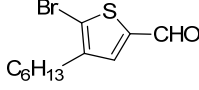
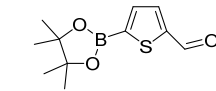
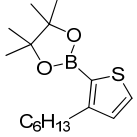
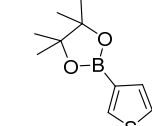
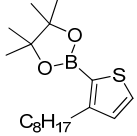
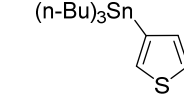
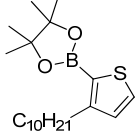
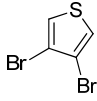
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3-Bromoselenophene CAT# IN1998  CAS# [25109-24-4] Formula C_4H_3BrSe FW 209.93	Methyl 2-bromothiophene-3-carboxylate CAT# IN2496  CAS# [76360-43-5] Formula $C_6H_5O_2SBr$ FW 221.07
Tributyl(selenophen-2-yl)stannane CAT# IN1319  CAS# [116886-71-6] Formula $C_{16}H_{30}SeSn$ FW 420.08	Ethyl 2-bromothiophene-3-carboxylate CAT# IN1497  CAS# [632325-50-9] Formula $C_7H_7BrO_2S$ FW 235.10
Tributyl(4-hexylthiophen-2-yl)stannane CAT# IN1481  CAS# [444579-42-4] Formula $C_{22}H_{42}SSn$ FW 457.34	2-Bromothiophene-3-carboxylic acid CAT# IN2497  CAS# [24287-95-4] Formula $C_5H_3BrO_2S$ FW 207.05
Tributyl(4-octylthiophen-2-yl)stannane CAT# IN1581  CAS# [504441-11-6] Formula $C_{24}H_{46}SSn$ FW 485.40	Ethyl 2-bromo-5-formylthiophene-3-carboxylate CAT# IN1697  CAS# [2110781-56-9] Formula $C_8H_7BrO_3S$ FW 263.11
Tributyl(4-(hexyloxy)thiophen-2-yl)stannane CAT# IN1991  CAS# [224442-OSSn] Formula $C_{22}H_{42}OSSn$ FW 473.34	4-(Hexyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde CAT# IN1696  CAS# [17H27BO4S] Formula $C_{17}H_{27}BO_4S$ FW 338.27
Tributyl-[4-(2-ethyl-hexyl)-thiophen-2-yl]-stannane CAT# IN1882  CAS# [886746-54-9] Formula $C_{24}H_{46}SSn$ FW 485.40	5-Bromo-4-((2-ethylhexyl)oxy)thiophene-2-carbaldehyde CAT# IN1694  CAS# [2055812-54-7] Formula $C_{13}H_{19}BrO_2S$ FW 319.26

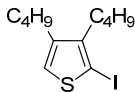
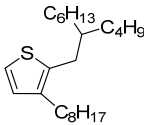
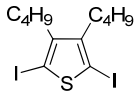
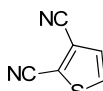
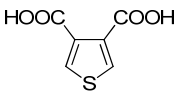
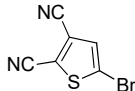
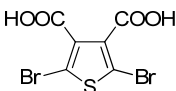
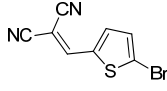
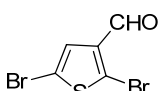
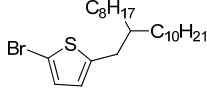
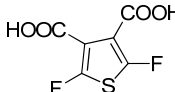
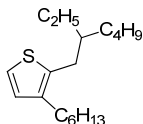
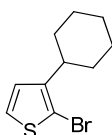
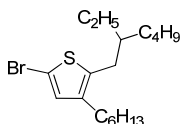
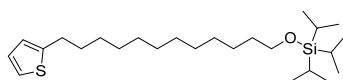
5-Bromo-4-(hexylthio)thiophene-2-carbaldehyde			CAT# IN1695
	CAS#	/	
	Formula	C ₁₁ H ₁₅ BrOS ₂	
	FW	307.27	
N-(2-octyldodecyl)thiophen-3-amine			CAT# IN1691
	CAS#	[1373308-56-5]	
	Formula	C ₂₄ H ₄₅ NS	
	FW	307.27	
3-(2-Ethylhexyl)thiophene			CAT# IN1470
	CAS#	[121134-38-1]	
	Formula	C ₁₂ H ₂₀ S	
	FW	196.35	
2-Bromo-3-(2-ethylhexyl)thiophene			CAT# IN1471
	CAS#	[303734-52-3]	
	Formula	C ₁₂ H ₁₉ 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-(10-Bromodecyl)thiophene			CAT# IN1940
	CAS#	[125878-93-5]	
	Formula	C ₁₄ H ₂₃ BrS	
	FW	303.30	

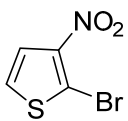
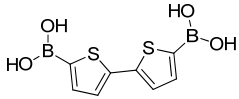
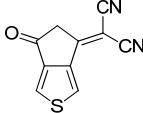
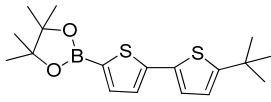
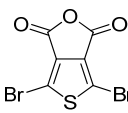
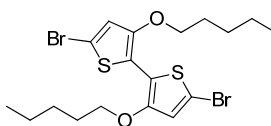
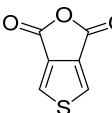
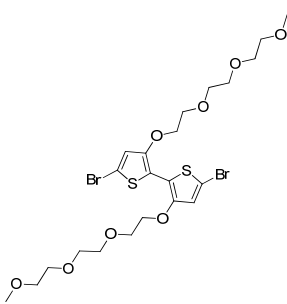
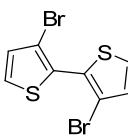
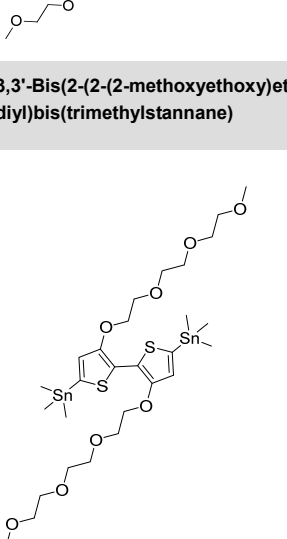
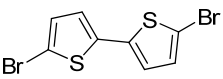
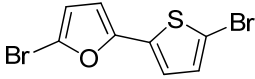
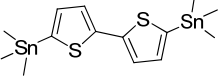
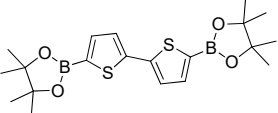
3-Undecylthiophene			CAT# IN1593
	CAS#	[129607-86-9]	
	Formula	C ₁₅ H ₂₆ S	
	FW	238.43	
2-(2-Ethylhexyl)thiophene			CAT# IN1666
	CAS#	[4891-44-5]	
	Formula	C ₁₂ H ₂₀ S	
	FW	196.35	
2-(2-Ethylhexyl)-3-fluorothiophene			CAT# IN1661
	CAS#	[2189704-71-8]	
	Formula	C ₁₂ H ₁₉ FS	
	FW	214.34	
Tributyl(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)stannane			CAT# IN2065
	CAS#		
	Formula	C ₂₄ H ₄₅ FSSn	
	FW	503.39	
Tributyl(4-(2-ethylhexyl)-5-fluorothiophen-2-yl)stannane			CAT# IN2066
	CAS#		
	Formula	C ₂₄ H ₄₅ FSSn	
	FW	503.39	
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#	[1778643-92-7]	
	Formula	C ₁₃ H ₂₀ OS ₂	
	FW	256.43	

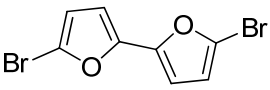
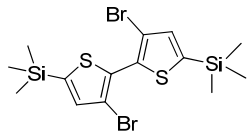
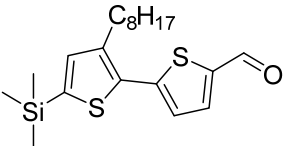
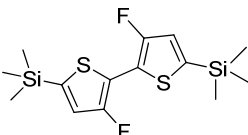
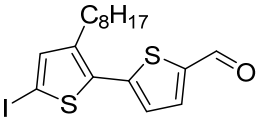
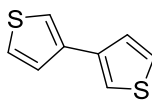
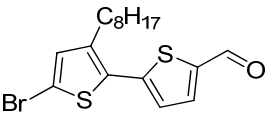
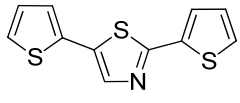
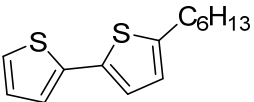
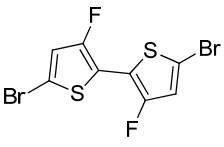
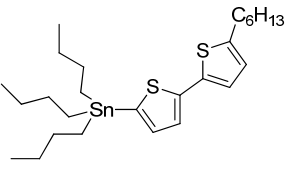
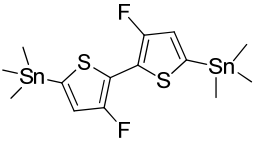
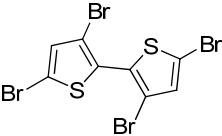
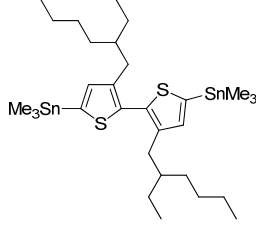
5-((2-Butyloctyl)thio)thiophene-2-carbaldehyde CAT# IN1981  CAS# [2316816-64-3] Formula $C_{17}H_{28}OS_2$ FW 312.53	5-Bromo-3-fluorothiophene-2-carbaldehyde CAT# IN1974  CAS# [1822621-71-5] Formula C_5H_2BrFOS FW 209.04
2-(2-Ethylhexyl)thiophene CAT# IN1664  CAS# [2239295-68-0] Formula $C_{12}H_{20}S$ FW 196.35	5-Bromo-3-fluoro-2-hexylthiophene CAT# IN1990  CAS# [2209090-37-7] Formula $C_{10}H_{14}BrFS$ FW 265.19
5-Bromo-3-chloro-2-(2-ethylhexyl)thiophene CAT# IN2087  CAS# [2664019-55-8] Formula $C_{12}H_{18}BrClS$ FW 309.69	3-(2-Hexyldecyl)thiophene CAT# IN1490  CAS# [1345699-92-4] Formula $C_{20}H_{36}S$ FW 308.56
2-(2-Butyloctyl)thiophene CAT# IN1506  CAS# [1271438-65-3] Formula $C_{16}H_{28}S$ FW 252.46	Tributyl(4-(2-hexyldecyl)thiophen-2-yl)stannane CAT# IN1491  CAS# [1430201-55-0] Formula $C_{32}H_{62}SSn$ FW 597.61
5-Bromo-2-(2-butyloctyl)-3-octylthiophene CAT# IN2009  CAS# [1271438-65-3] Formula $C_{16}H_{28}S$ FW 252.46	3-(2-Octyldodecyl)thiophene CAT# IN1492  CAS# [1268060-76-9] Formula $C_{24}H_{44}S$ FW 364.67
5-Bromo-4-(2-ethylhexyl)thiophene-2-carbaldehyde CAT# IN1971  CAS# [1356861-54-5] Formula $C_{13}H_{19}BrOS$ FW 303.26	Tributyl(4-(2-octyldodecyl)thiophen-2-yl)stannane CAT# IN1493  CAS# [1453167-32-2] Formula $C_{36}H_{70}SSn$ FW 653.72
5-Bromo-4-(2-ethylhexyl)furan-2-carbaldehyde CAT# IN1972  CAS# [1356861-54-5] Formula $C_{13}H_{19}BrO_2$ FW 287.19	3-(2-Decyltetradecyl)thiophene CAT# IN1494  CAS# [1446414-48-7] Formula $C_{28}H_{52}S$ FW 420.78
	Tributyl(4-(2-decyltetradecyl)thiophen-2-yl)stannane CAT# IN1495  CAS# [1446414-48-7] Formula $C_{40}H_{78}SSn$ FW 709.82

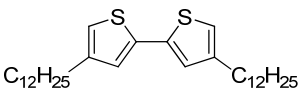
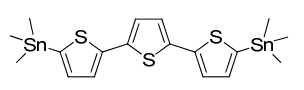
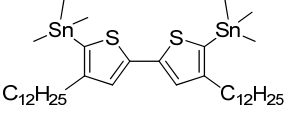
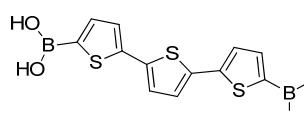
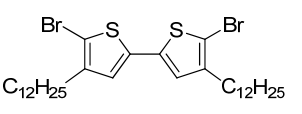
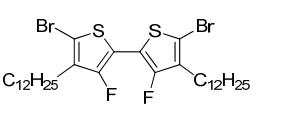
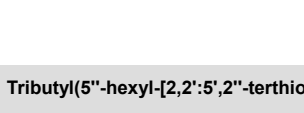
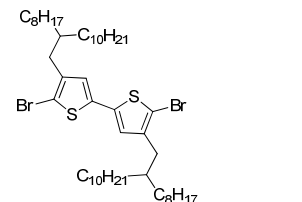
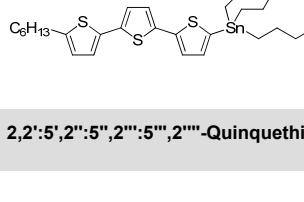
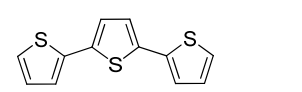
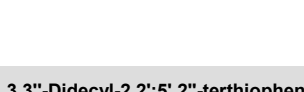
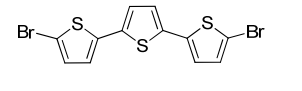
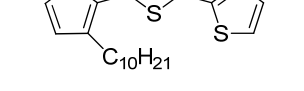
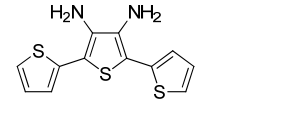
4-(2-Octyldodecyl)thiophene-2-carbonitrile CAT# IN1312  CAS# [1817843-53-0] Formula C₂₅H₄₃NS FW 389.68	2,5-Dibromo-3-(2-ethylhexyl)thiophene CAT# IN1755  CAS# [444177-63-3] Formula C₁₂H₁₈Br₂S FW 354.14
3-Hexylthiophene CAT# IN1980  CAS# [1693-86-3] Formula C₁₀H₁₆S FW 168.30	3-Octadecylthiophene CAT# IN2083  CAS# [104934-54-5] Formula C₂₂H₄₀S FW 336.62
Tributyl(3-hexylthiophen-2-yl)stannane CAT# IN2082  CAS# [851853-51-5] Formula C₂₂H₄₂SSn FW 457.35	2,5-Dibromo-3-octadecylthiophene CAT# IN2084  CAS# [205235-01-4] Formula C₂₂H₃₈Br₂S FW 494.41
4-Hexylthiophene-2-carbonitrile CAT# IN1112  CAS# [1224430-39-0] Formula C₁₁H₁₅NS FW 193.31	5-Bromo-4-(2-octyldodecyl)thiophene-2-carbaldehyde CAT# IN1756  CAS# [2370860-05-0] Formula C₂₅H₄₃BrOS FW 471.58
4-(2-Ethylhexyl)thiophene-2-carbonitrile CAT# IN2112  CAS# [1260224-07-4] Formula C₁₃H₁₉NS FW 221.36	2,5-Dibromo-3-fluoro-4-hexylthiophene CAT# IN1977  CAS# [488127-61-3] Formula C₁₀H₁₃Br₂FS FW 344.08
4-Hexylthiophene-2-carbaldehyde CAT# IN1113  CAS# [222554-30-5] Formula C₁₁H₁₆OS FW 196.31	2,5-Dibromo-3-(2-(2-methoxyethoxy)ethoxy)thiophene CAT# IN1155  CAS# [530116-60-0] Formula C₉H₁₂Br₂O₅S FW 360.06
2,5-Dibromo-3-hexylthiophene CAT# IN1154  CAS# [116971-11-0] Formula C₁₀H₁₄Br₂S FW 326.09	2-(2-(Thiophen-3-yloxy)ethoxy)ethanol CAT# IN1144  CAS# [1186415-90-6] Formula C₈H₁₂O₃S FW 188.24
2,5-Dibromo-3-(2-octyldodecyl)thiophene CAT# IN1754  CAS# [2252295-61-5] Formula C₂₄H₄₂Br₂S FW 522.46	3-(2-(2-Ethoxyethoxy)ethoxy)thiophene CAT# IN1147  CAS# [138625-91-9] Formula C₁₀H₁₆O₃S FW 216.30

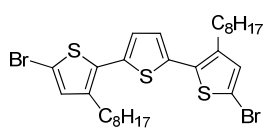
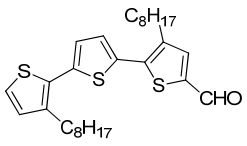
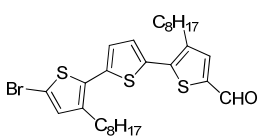
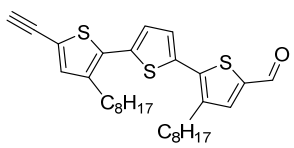
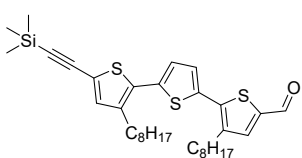
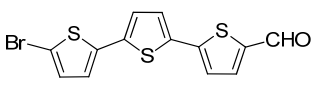
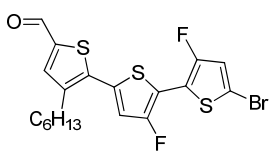
Thiophene, 3-(pentyloxy)- CAT# IN1637	4,4,5,5-Tetramethyl-2-(4-octylthiophen-2-yl)-1,3,2-dioxaborolane CAT# IN2089
 CAS# [148855-96-3] Formula C₉H₁₄OS FW 170.27	 CAS# [405165-12-0] Formula C₁₈H₃₁BO₂S FW 322.31
3-Octylthiophene CAT# IN1472	4-Octyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde CAT# IN1978
 CAS# [65016-62-8] Formula C₁₂H₂₀S FW 196.35	 CAS# [2252154-26-8] Formula C₁₉H₃₁BO₂S FW 350.32
2-Bromo-3-octylthiophene CAT# IN2037	4-Hexyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde CAT# IN1986
 CAS# [145543-83-5] Formula C₁₂H₁₉BrS FW 275.25	 CAS# [1402132-40-4] Formula C₁₇H₂₇BO₂S FW 322.27
Tributyl(3-octylthiophen-2-yl)stannane CAT# IN1673	4-(Octyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde CAT# IN1989
 CAS# [208053-18-3] Formula C₂₄H₄₆SSn FW 485.40	 CAS# [19402132-40-4] Formula C₁₉H₃₁BO₄S FW 366.32
5-Bromo-4-hexylthiophene-2-carbaldehyde CAT# IN1976	5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde CAT# IN1988
 CAS# [291535-21-2] Formula C₁₁H₁₅BrOS FW 275.21	 CAS# [1040281-83-1] Formula C₁₁H₁₅BO₃S FW 238.11
2-(3-Hexylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1973	4,4,5,5-Tetramethyl-2-(thiophen-3-yl)-1,3,2-dioxaborolane CAT# IN1993
 CAS# [850881-09-3] Formula C₁₆H₂₇BO₂S FW 294.26	 CAS# [214360-70-0] Formula C₁₀H₁₅BO₂S FW 210.10
4,4,5,5-Tetramethyl-2-(3-octylthiophen-2-yl)-1,3,2-dioxaborolane CAT# IN1975	Tributyl(thiophen-3-yl)stannane CAT# IN1994
 CAS# [405165-14-2] Formula C₁₈H₃₁BO₂S FW 322.31	 CAS# [119405-65-1] Formula C₁₆H₃₀SSn FW 373.18
2-(3-Decylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1979	3,4-Dibromothiophene CAT# IN1473
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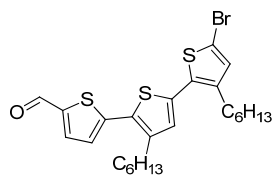
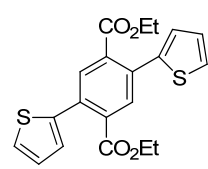
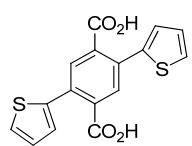
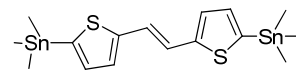
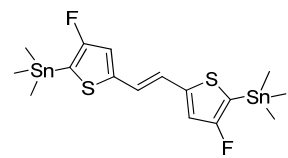
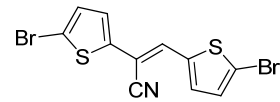
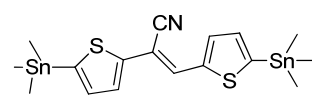
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3,4-Dibutyl-2,5-diiodothiophene CAT# IN1475	3,4-Dimethylthiophene CAT# IN1489
 CAS# [133750-15-9] Formula $C_{12}H_{18}I_2S$ FW 448.15	 CAS# [632-15-5] Formula C_6H_6S FW 112.19
Thiophene-2,3-dicarbonitrile CAT# IN1478	Thiophene-3,4-dicarboxylic acid CAT# IN1121
 CAS# [18853-42-4] Formula $C_6H_2N_2S$ FW 134.16	 CAS# [4282-29-5] Formula $C_6H_4O_4S$ FW 172.16
5-Bromothiophene-2,3-dicarbonitrile CAT# IN1479	2,5-Dibromothiophene-3,4-dicarboxylic acid CAT# IN1411
 CAS# Formula C_6HBrN_2S FW 213.05	 CAS# [190723-12-7] Formula $C_6H_2Br_2O_4S$ FW 329.95
2-((5-Bromothiophen-2-yl)methylene)malononitrile CAT# IN1480	2,5-Dibromothiophene-3-carbaldehyde CAT# IN1708
 CAS# [81020-78-2] Formula $C_8H_3BrN_2S$ FW 239.09	 CAS# [1193-69-7] Formula $C_6H_2OSBr_2$ FW 269.94
2-Bromo-5-(2-octyldodecyl)thiophene CAT# IN1482	2,5-Difluorothiophene-3,4-dicarboxylic acid CAT# IN1711
 CAS# [1004524-17-7] Formula $C_{24}H_{43}BrS$ FW 443.57	 CAS# / Formula $C_6H_2F_2O_4S$ FW 208.14
2-(2-Ethylhexyl)-3-hexylthiophene CAT# IN1448	2-Bromo-3-cyclohexylthiophene CAT# IN1713
 CAS# [1627680-06-1] Formula $C_{18}H_{32}S$ FW 280.51	 CAS# [241477-71-4] Formula $C_{10}H_{13}BrS$ FW 245.18
5-Bromo-2-(2-ethylhexyl)-3-hexylthiophene CAT# IN1488	Triisopropyl((12-(thiophen-2-yl)dodecyl)oxy)silane CAT# IN1927
 CAS# Formula $C_{18}H_{31}BrS$ FW 359.41	 CAS# Formula $C_{25}H_{48}OSSi$ FW 424.80

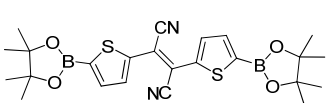
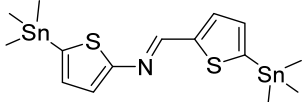
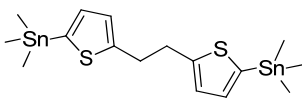
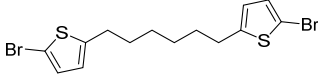
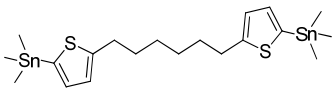
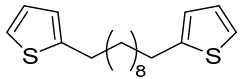
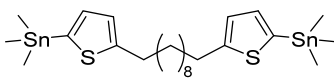
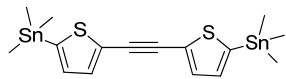
2-Bromo-3-nitrothiophene CAT# IN1922	[2,2'-bithiophene]-5,5'-diylboronic acid CAT# IN2096
 CAS# [2161-96-8] Formula $C_4H_3BrNO_2S$ FW 208.03	 CAS# [189358-30-3] Formula $C_8H_6B_2O_4S_2$ FW 253.90
2-(6-Oxo-5,6-dihydro-4H-cyclopenta[c]thiophen-4-ylidene)malononitrile CAT# IN1413	2-(5'-(Tert-butyl)-[2,2'-bithiophen]-5-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1636
 CAS# [2099010-83-8] Formula $C_{10}H_4N_2OS$ FW 200.22	 CAS# [2680568-06-1] Formula $C_{18}H_{24}BO_2S_2$ FW 348.33
4,6-Dibromothieno[3,4-c]furan-1,3-dione CAT# IN1122	5,5'-Dibromo-3,3'-bis(pentyloxy)-2,2'-bithiophene CAT# IN1941
 CAS# [1015423-45-6] Formula $C_6Br_2O_3S$ FW 311.94	 CAS# [1404166-45-5] Formula $C_{18}H_{24}Br_2O_2S_2$ FW 496.32
Thieno[3,4-c]furan-1,3-dione CAT# IN1592	5,5'-Dibromo-3,3'-bis(2-(2-(2-methoxyethoxy)ethoxy)ethoxy)-2,2'-bithiophene CAT# IN1273
 CAS# [6007-85-8] Formula $C_6H_2O_3S$ FW 154.14	 CAS# [1974310-58-1] Formula $C_{22}H_{32}Br_2O_8S_2$ FW 648.42
Monomer-Bithiophene Series	
3,3'-Dibromo-2,2'-bithiophene CAT# IN1025	(3,3'-Bis(2-(2-(2-methoxyethoxy)ethoxy)ethoxy)-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1894
 CAS# [51751-44-1] Formula $C_8H_4Br_2S_2$ FW 324.05	 CAS# [1636120-19-8] Formula $C_{28}H_{50}O_8S_2Sn_2$ FW 816.24
5,5'-Dibromo-2,2'-bithiophene CAT# IN1547	2-Bromo-5-(5-bromothiophen-2-yl)furan CAT# IN1531
 CAS# [4805-22-5] Formula $C_8H_4Br_2S_2$ FW 324.06	 CAS# Formula $C_8H_4Br_2OS$ FW 307.99
5,5'-Bis(trimethylstannyl)-2,2'-bithiophene CAT# IN1207	
 CAS# [143367-56-0] Formula $C_{14}H_{22}S_2Sn_2$ FW 491.87	
5,5'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2'-bithiophene CAT# IN1296	
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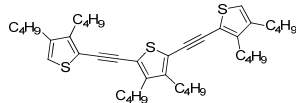
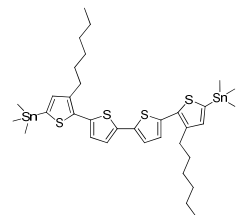
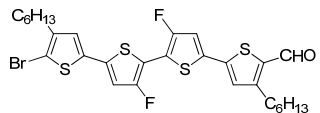
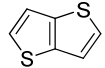
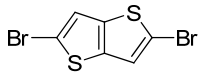
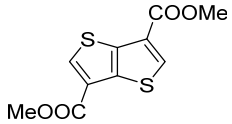
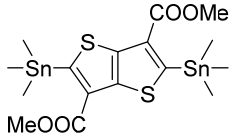
5,5'-Dibromo-2,2'-bifuran CAT# IN1533  CAS# [70477-20-2] Formula $C_8H_4Br_2O_2$ FW 291.92	3,3'-Dibromo-5,5'-bis-trimethylsilyl-2,2'-bithiophene CAT# IN1013  CAS# [207742-50-5] Formula $C_{14}H_{20}Br_2S_2Si_2$ FW 468.42
3'-Octyl-5'-(trimethylsilyl)-[2,2'-bithiophene]-5-carbaldehyde CAT# IN2012  CAS# [2058096-35-6] Formula $C_{20}H_{30}OS_2Si$ FW 378.66	(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylsilane) CAT# IN1153  CAS# [1619967-07-5] Formula $C_{14}H_{20}F_2S_2Si_2$ FW 346.61
5'-Iodo-3'-octyl-[2,2'-bithiophene]-5-carbaldehyde CAT# IN1712  CAS# [3172-56-3] Formula $C_{17}H_{21}IOS_2$ FW 432.38	3,3'-Bithiophene CAT# IN2004  CAS# [3172-56-3] Formula $C_8H_6S_2$ FW 166.26
5'-Bromo-3'-octyl-[2,2'-bithiophene]-5-carbaldehyde CAT# IN1931  CAS# [1619967-08-6] Formula $C_{17}H_{21}BrOS_2$ FW 385.38	2,5-Di(thiophen-2-yl)thiazole CAT# IN1304  CAS# [54987-01-8] Formula $C_{11}H_7NS_3$ FW 249.37
5-Hexyl-2,2'-bithiophene CAT# IN1716  CAS# [173448-31-2] Formula $C_{14}H_{18}S_2$ FW 250.42	5,5'-Dibromo-3,3'-difluoro-2,2'-bithiophene CAT# IN1163  CAS# [1619967-09-7] Formula $C_8H_2Br_2F_2S_2$ FW 360.04
Tributyl(5'-hexyl-[2,2'-bithiophen]-5-yl)stannane CAT# IN1297  CAS# [211737-37-0] Formula $C_{26}H_{44}S_2Sn$ FW 539.47	(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1064  CAS# [1619967-09-7] Formula $C_{14}H_{20}F_2S_2Sn_2$ FW 527.86
3,3',5,5'-Tetrabromo-2,2'-bithiophene CAT# IN1024  CAS# [125143-53-5] Formula $C_8H_2Br_4S_2$ FW 481.85	(3,3'-Bis(2-ethylhexyl)-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1513  CAS# [1535196-15-6] Formula $C_{30}H_{54}S_2Sn_2$ FW 716.30

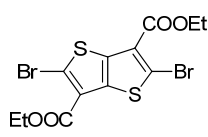
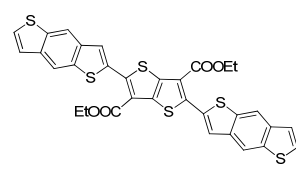
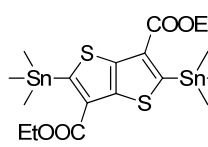
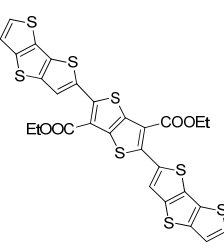
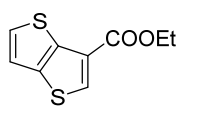
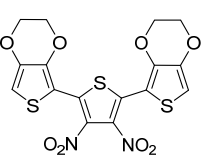
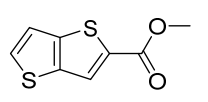
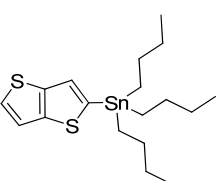
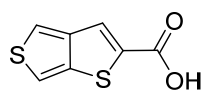
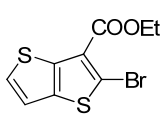
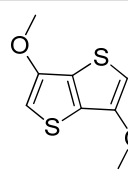
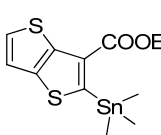
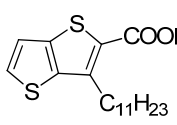
4,4'-Didodecyl-2,2'-bithiophene CAT# IN1515  CAS# [345633-76-3] Formula $C_{32}H_{54}S_2$ FW 502.90	2,5-Bis[(5-trimethylstannyl)-2-thienyl]thiophene CAT# IN1206  CAS# [178931-63-0] Formula $C_{18}H_{24}S_3Sn_2$ FW 574.00
(4,4'-Didodecyl-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane) CAT# IN1516  CAS# [1007347-63-8] Formula $C_{38}H_{70}S_2Sn_2$ FW 828.51	[2,2':5',2''-Terthiophene]-5,5''-diylboronic acid CAT# IN2085  CAS# Formula $C_{12}H_{10}B_2O_4S_3$ FW 336.02
5,5'-Dibromo-4,4'-didodecyl-2,2'-bithiophene CAT# IN1517  CAS# [753470-95-0] Formula $C_{32}H_{52}Br_2S_2$ FW 660.69	5,5''-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2':5',2''-terthiophene CAT# IN2086  CAS# Formula $C_{24}H_{30}B_2O_4S_3$ FW 500.31
5,5'-Dibromo-4,4'-didodecyl-3,3'-difluoro-2,2'-bithiophene CAT# IN1518  CAS# / Formula $C_{32}H_{50}Br_2F_2S_2$ FW 696.67	Tributyl(5''-hexyl-[2,2':5',2''-terthiophen]-5-yl)stannane CAT# IN1501  CAS# [211737-41-6] Formula $C_{30}H_{46}S_3Sn$ FW 621.59
5,5'-Dibromo-4,4'-bis(2-octyldodecyl)-2,2'-bithiophene CAT# IN1519  CAS# [1268060-78-1] Formula $C_{48}H_{84}Br_2S_2$ FW 885.12	2,2':5',2''-5''',2''''-Quinquethiophene CAT# IN1200  CAS# [5660-45-7] Formula $C_{20}H_{12}S_5$ FW 412.63
2,5-Di(2-thienyl)thiophene CAT# IN1204  CAS# [1081-34-1] Formula $C_{12}H_8S_3$ FW 248.38	3,3''-Didecyl-2,2':5',2''-terthiophene CAT# IN1498  CAS# Formula $C_{32}H_{48}S_3$ FW 528.92
5,5'-Dibromo-2,2':5',2''-terthiophene CAT# IN1294  CAS# [98057-08-0] Formula $C_{12}H_6Br_2S_3$ FW 406.18	3,3''-Dioctyl-2,2':5',2''-terthiophene CAT# IN1499  CAS# [155166-89-5] Formula $C_{28}H_{40}S_3$ FW 472.81
2,5-Bis(2-thienyl)-3,4-diaminothiophene CAT# IN1205  CAS# [185691-91-2] Formula $C_{12}H_{10}N_2S_3$ FW 278.42	

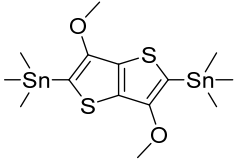
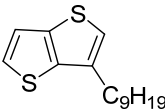
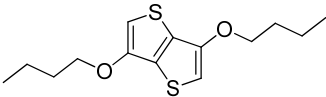
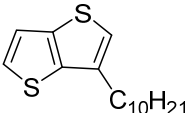
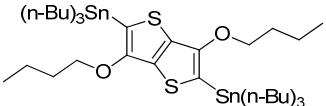
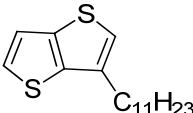
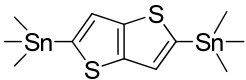
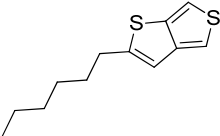
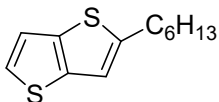
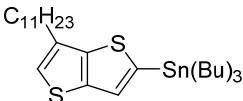
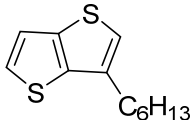
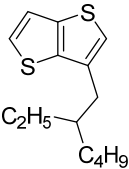
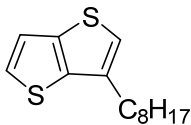
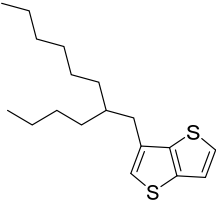
5,5"-Dibromo-3,3"-dioctyl-2,2':5',2"-terthiophene	
CAT# IN1500	
	CAS# [185350-30-5] Formula $C_{28}H_{38}Br_2S_3$ FW 630.60
3,3"-Dioctyl-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1504	
	CAS# Formula $C_{29}H_{40}OS_3$ FW 500.82
5"-Bromo-3,3"-dioctyl-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1505	
	CAS# [1342311-48-1] Formula $C_{29}H_{38}BrOS_3$ FW 579.72
5"-Ethynyl-3,3"-dioctyl-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1855	
	CAS# Formula $C_{31}H_{40}OS_3$ FW 524.84
3,3"-Dioctyl-5"-((trimethylsilyl)ethynyl)-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1880	
	CAS# Formula $C_{34}H_{48}OS_3Si$ FW 597.02
5"-Bromo-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1520	
	CAS# [161726-69-8] Formula $C_{13}H_7BrOS_3$ FW 355.29
5"-Bromo-3",4"-difluoro-3-hexyl-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1789	
	CAS# Formula $C_{19}H_{17}BrF_2OS_3$ FW 475.43

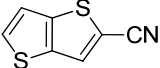
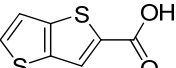
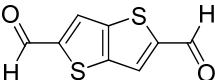
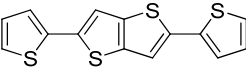
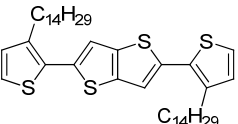
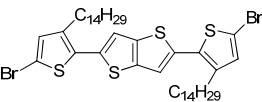
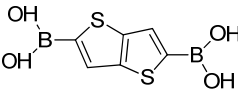
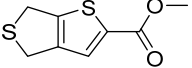
5"-Bromo-3",3"-dihexyl-[2,2':5',2"-terthiophene]-5-carbaldehyde	
CAT# IN1889	
	CAS# [1628940-31-7] Formula $C_{25}H_{31}BrOS_3$ FW 523.61
Diethyl 2,5-di(thiophen-2-yl)terephthalate	
CAT# IN1317	
	CAS# [915224-39-4] Formula $C_{20}H_{18}O_4S_2$ FW 386.48
2,5- Di(thiophen-2-yl)terephthalic acid	
CAT# IN1310	
	CAS# Formula $C_{16}H_{10}O_4S_2$ FW 330.38
(E)-1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethene	
CAT# IN1450	
	CAS# [477789-30-3] Formula $C_{16}H_{24}S_2Sn_2$ FW 517.91
(E)-1,2-bis(4-fluoro-5-(trimethylstannyl)thiophen-2-yl)ethene	
CAT# IN1445	
	CAS# [2205860-41-7] Formula $C_{16}H_{22}F_2S_2Sn_2$ FW 553.89
(E)-2,3-bis(5-bromothiophen-2-yl)acrylonitrile	
CAT# IN1579	
	CAS# [439588-79-1] Formula $C_{11}H_5Br_2NS_2$ FW 375.10
(E)-2,3-bis(5-(trimethylstannyl)thiophen-2-yl)acrylonitrile	
CAT# IN1457	
	CAS# [1610057-05-0] Formula $C_{17}H_{23}NS_2Sn_2$ FW 542.92

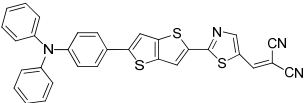
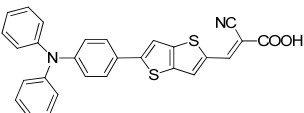
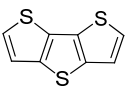
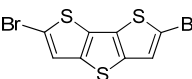
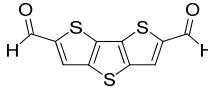
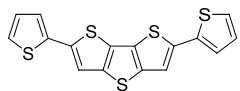
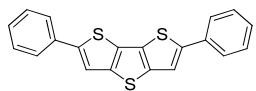
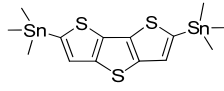
2,3-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)fu maronitrile	
CAT# IN1459	
	CAS# Formula $C_{24}H_{28}B_2N_2O_4S_2$ FW 494.24
(E)-N,1-bis(5-(trimethylstannyl)thiophen-2-yl)methanimine	
CAT# IN2079	
	CAS# [2704541-57-9] Formula $C_{15}H_{23}NS_2Sn_2$ FW 518.90
1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethane	
CAT# IN1961	
	CAS# [1698837-47-6] Formula $C_{16}H_{26}S_2Sn_2$ FW 519.92
1,6-Bis(5-bromothiophen-2-yl)hexane	
CAT# IN2062	
	CAS# [681028-54-6] Formula $C_{14}H_{16}Br_2S_2$ FW 408.21
1,6-Bis(5-(trimethylstannyl)thiophen-2-yl)hexane	
CAT# IN1860	
	CAS# [1884354-21-5] Formula $C_{20}H_{34}S_2Sn_2$ FW 576.03
1,10-Di(thiophen-2-yl)decane	
CAT# IN1954	
	CAS# [151535-14-7] Formula $C_{18}H_{26}S_2$ FW 306.53
1,10-Bis(5-(trimethylstannyl)thiophen-2-yl)decane	
CAT# IN1962	
	CAS# [1884354-25-9] Formula $C_{24}H_{42}S_2Sn_2$ FW 632.14
1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethyne	
CAT# IN1861	
	CAS# [1610057-24-3] Formula $C_{16}H_{22}S_2Sn_2$ FW 515.90

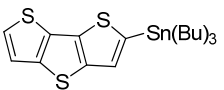
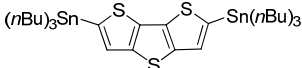
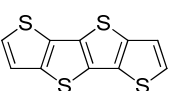
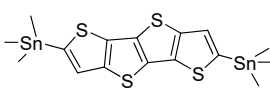
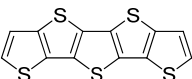
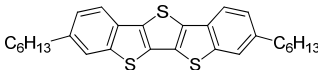
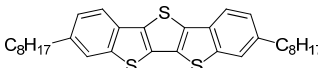
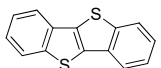
2,2'-(3,4-Dibutylthiophene-2,5-diyl)bis(ethyne-2,1-diyl)bis(3,4-dibutylt hiophene)	
CAT# IN1476	
	CAS# Formula $C_{40}H_{56}S_3$ FW 633.07
(3,3'''-Dihexyl-[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl)bis(trimeth ylstannane)	
CAT# IN1514	
	CAS# [1334669-56-5] Formula $C_{34}H_{50}S_4Sn_2$ FW 824.44
5'''-Bromo-3'',4'-difluoro-4,4'''-dihexyl-[2,2':5',2'':5'',2'''-quaterthiophen e]-5-carbaldehyde	
CAT# IN1724	
	CAS# Formula $C_{29}H_{31}BrF_2OS_4$ FW 641.72
Monomer-Thienothiophene (TT) Series	
Thieno[3,2-b]thiophene	
CAT# IN1102	
	CAS# [251-41-2] Formula $C_6H_4S_2$ FW 140.23
2,5-Dibromothieno[3,2-b]thiophene	
CAT# IN1103	
	CAS# [25121-87-3] Formula $C_6H_2Br_2S_2$ FW 298.02
Dimethyl thieno[3,2-b]thiophene-3,6-dicarboxylate	
CAT# IN2092	
	CAS# Formula $C_{10}H_8O_4S_2$ FW 256.29
Dimethyl	
2,5-bis(trimethylstannyl)thieno[3,2-b]thiophene-3,6-dicarboxylate	
CAT# IN2043	
	CAS# Formula $C_{16}H_{24}O_4S_2Sn_2$ FW 581.90

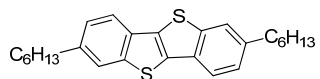
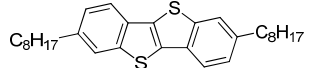
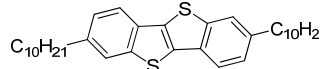
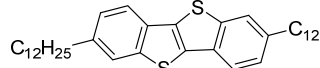
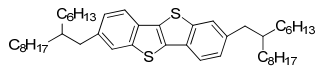
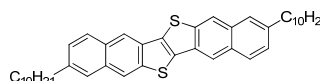
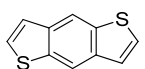
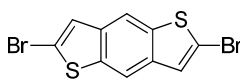
Diethyl 2,5-dibromothieno[3,2-b]thiophene-3,6-dicarboxylate CAT# IN1821	Diethyl 2,5-bis(benzo[1,2-b:4,5-b']dithiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate CAT# IN1822
 CAS# [1800376-55-9] Formula $C_{12}H_{10}Br_2O_4S_2$ FW 442.14	 CAS# / Formula $C_{32}H_{20}O_4S_6$ FW 660.89
Diethyl 2,5-bis(trimethylstannyl)thieno[3,2-b]thiophene-3,6-dicarboxylate CAT# IN1843	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# [2105955-68-6] Formula $C_{18}H_{28}O_4S_2Sn_2$ FW 609.96	 CAS# / Formula $C_{28}H_{16}O_4S_8$ FW 672.94
Ethyl thieno[3,2-b]thiophene-3-carboxylate CAT# IN1837	5,5'-(3,4-Dinitrothiophene-2,5-diyl)bis(2,3-dihydrothieno[3,4-b][1,4]dioxine) CAT# IN1920
 CAS# [2055722-84-2] Formula $C_9H_8O_2S_2$ FW 212.29	 CAS# / Formula $C_{16}H_{10}N_2O_8S_3$ FW 454.44
Methyl thieno[3,2-b]thiophene-2-carboxylate CAT# IN2001	Tributyl(thieno[3,2-b]thiophen-2-yl)stannane CAT# IN1502
 CAS# [98800-10-3] Formula $C_8H_6O_2S_2$ FW 198.25	 CAS# [160032-41-7] Formula $C_{18}H_{30}S_2Sn$ FW 429.27
Tieno[3,4-b]thiophene-2-carboxylic acid CAT# IN2011	3,6-Dibromothieno[3,2-b]thiophene CAT# IN1100
 CAS# [14630-08-1] Formula $C_7H_4O_2S_2$ FW 184.23	 CAS# [392662-65-6] Formula $C_6H_2Br_2S_2$ FW 298.02
Ethyl 2-bromothieno[3,2-b]thiophene-3-carboxylate CAT# IN1828	3,6-Dimethoxythieno[3,2-b]thiophene CAT# IN1702
 CAS# [2055722-78-4] Formula $C_9H_7BrO_2S_2$ FW 291.18	 CAS# [850233-79-3] Formula $C_8H_8O_2S_2$ FW 200.28
Ethyl 2-(trimethylstannyl)thieno[3,2-b]thiophene-3-carboxylate CAT# IN1844	
 CAS# [2412678-09-0] Formula $C_{12}H_{16}O_2S_2Sn$ FW 375.09	
Ethyl 3-undecylthieno[3,2-b]thiophene-2-carboxylate CAT# IN1838	
 CAS# [950223-95-7] Formula $C_{20}H_{30}O_2S_2$ FW 366.58	

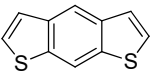
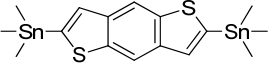
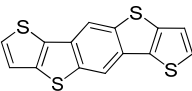
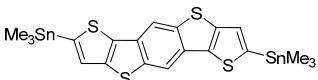
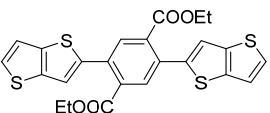
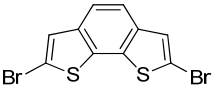
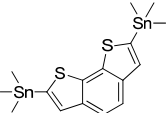
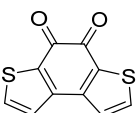
(3,6-Dimethoxythieno[3,2-b]thiophene-2,5-diyl)bis(trimethylstannane) CAT# IN1969	3-Nonylthieno[3,2-b]thiophene CAT# IN1723
 CAS# [1801357-03-8] Formula $C_{14}H_{24}O_2S_2Sn_2$ FW 525.88	 CAS# [763114-94-9] Formula $C_{15}H_{22}S_2$ FW 266.47
3,6-Dibutoxythieno[3,2-b]thiophene CAT# IN1896	3-Decylthieno[3,2-b]thiophene CAT# IN1580
 CAS# / Formula $C_{14}H_{20}O_2S_2$ FW 284.44	 CAS# [1882054-96-7] Formula $C_{16}H_{24}S_2$ FW 280.49
(3,6-Dibutoxythieno[3,2-b]thiophene-2,5-diyl)bis(tributylstannane) CAT# IN1897	3-Undecylthieno[3,2-b]thiophene CAT# IN1839
 CAS# / Formula $C_{38}H_{72}O_2S_2Sn_2$ FW 862.53	 CAS# [950223-97-9] Formula $C_{17}H_{26}S_2$ FW 294.52
2,5-Bis(trimethylstannyl)thieno[3,2-b]thiophene CAT# IN1104	2-Hexylthieno[3,4-b]thiophene CAT# IN1311
 CAS# [469912-82-1] Formula $C_{12}H_{20}Sn_2S_2$ FW 465.84	 CAS# [1202695-55-3] Formula $C_{12}H_{16}S_2$ FW 224.39
2-Hexylthieno[3,2-b]thiophene CAT# IN1302	Tributyl(6-undecylthieno[3,2-b]thiophen-2-yl)stannane CAT# IN1841
 CAS# [944826-48-6] Formula $C_{12}H_{16}S_2$ FW 224.39	 CAS# [2304444-54-8] Formula $C_{29}H_{52}S_2Sn$ FW 583.56
3-Hexylthieno[3,2-b]thiophene CAT# IN1717	3-(2-Ethylhexyl)thieno[3,2-b]thiophene CAT# IN2057
 CAS# [880088-89-1] Formula $C_{12}H_{16}S_2$ FW 224.39	 CAS# / Formula $C_{14}H_{20}S_2$ FW 252.43
3-Octylthieno[3,2-b]thiophene CAT# IN1719	3-(2-Butyloctyl)thieno[3,2-b]thiophene CAT# IN1934
 CAS# [1064015-56-0] Formula $C_{14}H_{20}S_2$ FW 252.44	 CAS# [40985-58-8] Formula $C_{18}H_{28}S_2$ FW 308.54

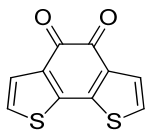
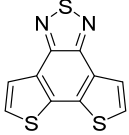
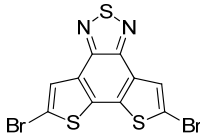
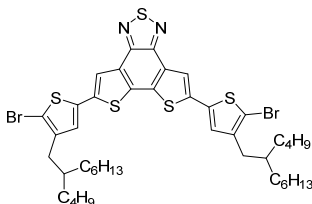
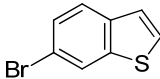
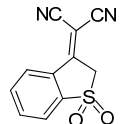
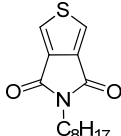
Thieno[3,2-b]thiophene-2-carbonitrile	
CAT# IN1087	
	CAS# [40985-58-8] Formula C ₇ H ₃ NS ₂ FW 165.24
Thieno[3,2-b]thiophene-2-carboxylic acid	
CAT# IN1108	
	CAS# [1723-27-9] Formula C ₇ H ₄ O ₂ S ₂ FW 184.24
Thieno[3,2-b]thiophene-2,5-dicarbaldehyde	
CAT# IN1109	
	CAS# [37882-75-0] Formula C ₈ H ₄ O 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(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene	
CAT# IN2174	
	CAS# [1246521-87-8] Formula C ₄₂ H ₆₄ S ₄ FW 697.22
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
Methyl 4,6-dihydrothieno[3,4-b]thiophene-2-carboxylate	
CAT# IN2176	
	CAS# [7767-60-4] Formula C ₈ H ₈ O ₂ S ₂ FW 200.27

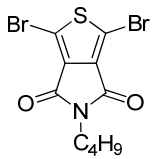
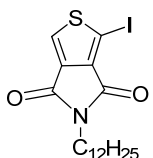
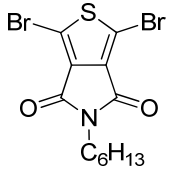
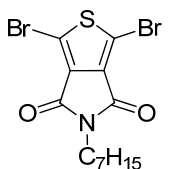
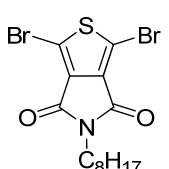
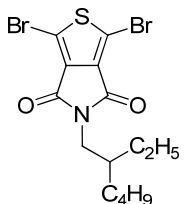
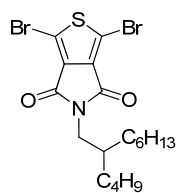
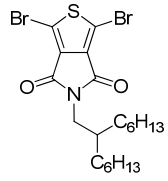
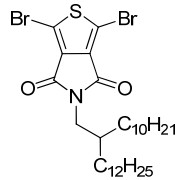
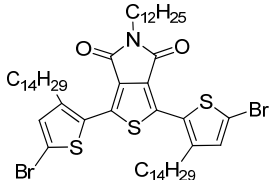
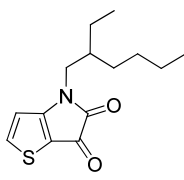
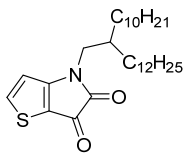
2-(2-(5-(4-(Diphenylamino)phenyl)thieno[3,2-b]thiophen-2-yl)thiazol-5-yl)methylene)malononitrile	
CAT# IN1743	
	CAS# [1610050-61-7] Formula C ₃₁ H ₁₈ N ₄ S ₃ FW 542.70
(E)-2-cyano-3-(5-(4-(diphenylamino)phenyl)thieno[3,2-b]thiophen-2-yl)acrylic acid	
CAT# IN1744	
	CAS# [1092363-69-3] Formula C ₂₈ H ₁₈ 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 C ₈ H ₄ S ₃ FW 196.31
2,6-Dibromo-dithieno[3,2-b:2',3'-d']thiophene	
CAT# IN1068	
	CAS# [67061-69-2] Formula C ₈ H ₂ Br ₂ S ₃ FW 354.10
Dithieno[3,2-b;2',3'-d']thiophene-2,6-dicarbaldehyde	
CAT# IN1117	
	CAS# [67061-73-8] Formula C ₁₀ H ₄ O ₂ S ₃ FW 252.33
2,6-Dithiophen-2-yl-dithieno[3,2-b;2',3'-d']thiophene	
CAT# IN1115	
	CAS# [910788-24-8] Formula C ₁₆ H ₈ S ₅ FW 360.56
2,6-Diphenyldithieno[3,2-b;2',3'-d']thiophene	
CAT# IN1116	
	CAS# [881838-94-4] Formula C ₂₀ H ₁₂ S ₃ FW 348.50
2,6-Bis(trimethyltin)-dithieno[3,2-b;2',3'-d']thiophene	
CAT# IN1118	
	CAS# [502764-57-0] Formula C ₁₄ H ₂₀ S ₃ Sn ₂ FW 521.92

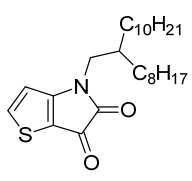
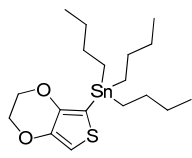
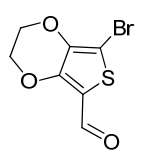
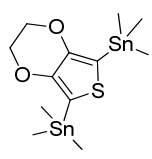
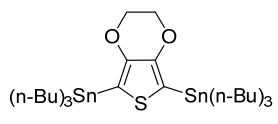
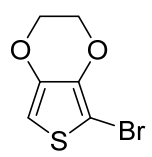
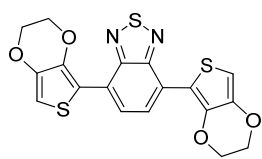
Tributyl(dithieno[3,2-b:2',3'-d]thiophen-2-yl)stannane		
CAT# IN1585		
	CAS#	[648430-74-4]
	Formula	C ₂₀ H ₃₀ S ₃ Sn
	FW	485.36
2,6-Bis(tributylstannyl)dithieno[3,2-b:2',3'-d]thiophene		
CAT# IN1586		
	CAS#	[944257-56-1]
	Formula	C ₃₂ H ₅₆ S ₃ Sn ₂
	FW	774.40
Monomer-TTTT Series		
Thieno[2',3':4,5]thieno[3,2-b]thieno[2,3-d]thiophene		
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		
3,8-Dihexyl-thieno[3,2-b:4,5-b']bis[1]benzothiophene		
C6-DBTDT CAT# IN1619		
	CAS#	[1261027-85-3]
	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 ₆ S ₂
	FW	240.34

2,7-Dihexyl[1]benzothieno[3,2-b][1]benzothiophene		
C6-BTBT CAT# IN1676		
	CAS#	[583050-69-5]
	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#	[583050-71-9]
	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#	[473723-54-5]
	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-Didecylindaphtho[2,3-b:2',3'-f]thieno[3,2-b]thiophene		
CAT# IN1107		
	CAS#	[1169932-40-4]
	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-b:4,5-b']dithiophene	
CAT# IN1101	
	CAS# [1242077-07-1] Formula C ₁₆ H ₂₂ S ₂ Sn ₂ FW 515.90
Dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene	
CAT# IN1608	
	CAS# [942578-58-7] Formula C ₁₄ H ₆ S ₄ FW 302.46
2,6-Bis(trimethylstannyl)dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene	
CAT# IN1609	
	CAS# / Formula C ₂₀ H ₂₂ S ₄ Sn ₂ FW 628.07
Diethyl 2,5-bis(thieno[3,2-b]thiophen-2-yl)terephthalate	
CAT# IN2008	
	CAS# [1411976-67-4] Formula C ₂₄ H ₁₈ O ₄ S ₄ FW 498.64
2,7-Dibromobenzo[1,2-b:6,5-b']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-b:6,5-b']dithiophene	
CAT# IN1099	
	CAS# [1203461-16-8] Formula C ₁₆ H ₂₂ S ₂ Sn ₂ FW 515.90
Benzo[1,2-b:4,3-b']dithiophene-4,5-dione	
CAT# IN2005	
	CAS# [24243-31-0] Formula C ₁₀ H ₄ O ₂ S ₂ FW 220.26

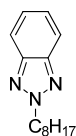
Benzo[1,2-b:6,5-b']dithiophene-4,5-dione	
CAT# IN1799	
	CAS# [24243-32-1] Formula C ₁₀ H ₄ O ₂ S ₂ FW 220.27
Dithieno[3,2-e:2',3'-g]-2,1,3-benzothiadiazole	
CAT# IN1806	
	CAS# [1256138-50-7] Formula C ₁₀ H ₄ N ₂ S ₃ FW 248.35
5,8-Dibromodithieno[3',2':3,4;2'',3''':5,6]benzo[1,2-c][1,2,5]thiadiazole	
DTBT	
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-butyloctyl)thiophen-2-yl)dithieno[3',2':3,4;2'',3''':5,6]benzo[1,2-c][1,2,5]thiadiazole	
CAT# IN1808	
	CAS# [2433725-51-8] Formula C ₄₂ H ₅₄ Br ₂ N ₂ S ₅ FW 907.02
6-Bromobenzo[b]thiophene	
CAT# IN1018	
	CAS# [17347-32-9] Formula C ₈ H ₅ BrS FW 213.09
2-(1,1-Dioxidobenzo[b]thiophen-3(2H)-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-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione	
CAT# IN1613	
	CAS# [773881-43-9] Formula C ₁₄ H ₁₉ NO ₂ S FW 265.37

1,3-Dibromo-5-butyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1611	 CAS# [190723-14-9] Formula $C_{10}H_9Br_2NO_2S$ FW 367.06
1-Iodo-5-dodecyl-4H-thieno[3,4-c]pyrrole-5,6(5H)-dione CAT# IN1612	 CAS# Formula $C_{18}H_{26}INO_2S$ FW 447.37
1,3-Dibromo-5-hexyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1616	 CAS# [566939-56-8] Formula $C_{15}H_{17}Br_2FO_2S_2$ FW 472.23
1,3-Dibromo-5-heptyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1615	 CAS# [1427705-63-2] Formula $C_{13}H_{15}Br_2NO_2S$ FW 409.14
1,3-Dibromo-5-octyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1053	 CAS# [566939-58-0] Formula $C_{14}H_{17}Br_2NO_2S$ 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 $C_{14}H_{17}Br_2NO_2S$ 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 $C_{18}H_{25}Br_2NO_2S$ FW 479.27
1,3-Dibromo-5-(2-hexyloctyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1617	 CAS# / Formula $C_{20}H_{29}Br_2NO_2S$ FW 507.32
1,3-Dibromo-5-(2-decyltetradecyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione CAT# IN1096	 CAS# [1640286-62-9] Formula $C_{30}H_{49}Br_2NO_2S$ 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# Formula $C_{54}H_{85}Br_2NO_2S_3$ FW 1036.26
4-(2-Ethylhexyl)-4H-thieno[3,2-b]pyrrole-5,6-dione CAT# IN2015	 CAS# [1147124-46-6] Formula $C_{14}H_{19}NO_2S$ FW 265.37
4-(2-Decyltetradecyl)-4H-thieno[3,2-b]pyrrole-5,6-dione CAT# IN2068	 CAS# [1628283-73-7] Formula $C_{30}H_{51}NO_2S$ FW 489.80

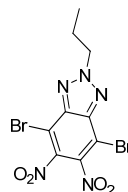
4H-Thieno[3,2-b]pyrrole-5,6-dione, 4-(2-octyldodecyl)-	
CAT# IN2095	
	CAS# [1373308-57-6] Formula $C_{26}H_{43}NO_2S$ FW 433.69
Monomer-EDOT Series	
Tributyl(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)stannane	
CAT# IN1110	
	CAS# [175922-79-9] Formula $C_{18}H_{32}O_2SSn$ FW 431.22
7-Bromo-2,3-dihydrothieno[3,4-b][1,4]dioxine-5-carbaldehyde	
CAT# IN1910	
	CAS# [852054-42-3] Formula $C_7H_5BrO_3S$ FW 249.08
5,7-Bis(trimethylstannyl)-2,3-dihydrothieno[3,4-b][1,4]dioxine	
CAT# IN1919	
	CAS# [459409-70-2] Formula $C_{12}H_{22}O_2SSn_2$ FW 467.79
5,7-Bis(tributylstannyl)-2,3-dihydrothieno[3,4-b][1,4]dioxine	
CAT# IN2069	
	CAS# [291308-76-4] Formula $C_{30}H_{58}O_2SSn_2$ FW 720.27
5-Bromo-2,3-dihydrothieno[3,4-b][1,4]dioxine	
CAT# IN2039	
	CAS# [302554-82-1] Formula $C_8H_5BrO_2S$ FW 221.07
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 $C_{18}H_{12}N_2O_4S_3$ FW 416.49

Monomer-Triazole and Tetrazine Series

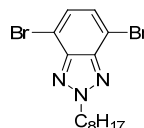
2-Octyl-1,2,3-benzotriazole

CAT# IN1027

CAS# [112642-69-0]
Formula $C_{14}H_{21}N_3$
FW 231.34

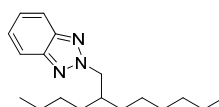
4,7-Dibromo-5,6-dinitro-2-propyl-2H-benzo[d][1,2,3]triazole

CAT# IN1891

CAS#
Formula $C_9H_7Br_2N_5O_4$
FW 408.99

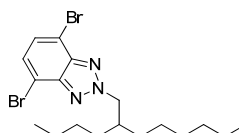
4,7-Dibromo-2-octyl-1,2,3-benzotriazole

CAT# IN1026

CAS# [960509-83-5]
Formula $C_{14}H_{19}Br_2N_3$
FW 389.13

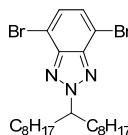
2-(2-Butyloctyl)-benzotriazole

CAT# IN1641

CAS# /
Formula $C_{18}H_{29}N_3$
FW 287.44

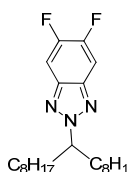
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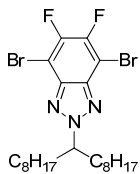
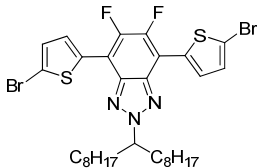
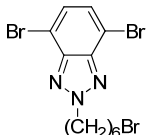
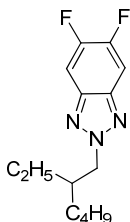
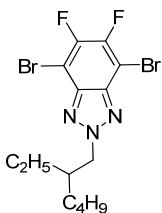
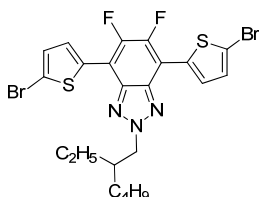
CAT# IN1642

CAS# [1329120-89-9]
Formula $C_{18}H_{27}Br_2N_3$
FW 445.24

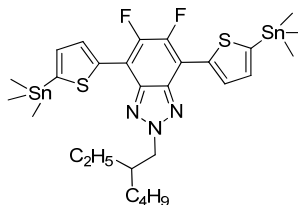
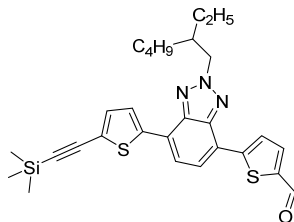
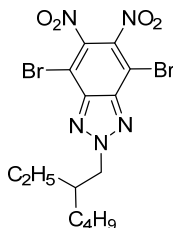
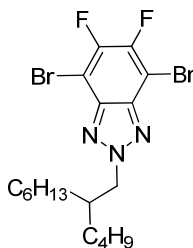
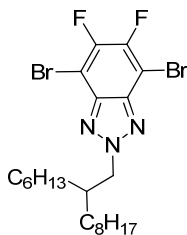
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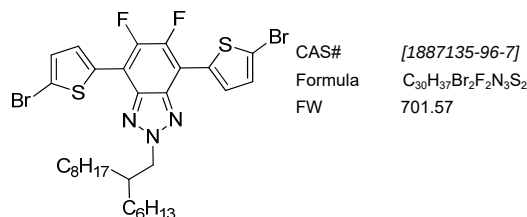
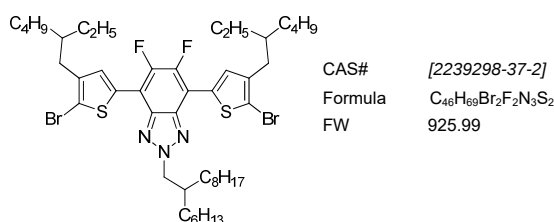
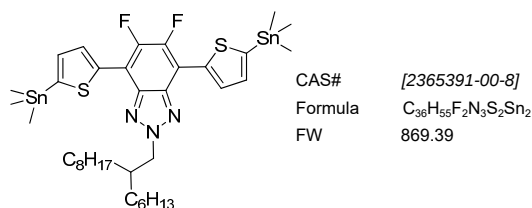
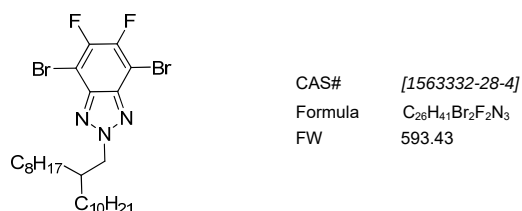
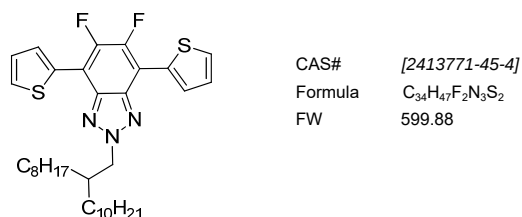
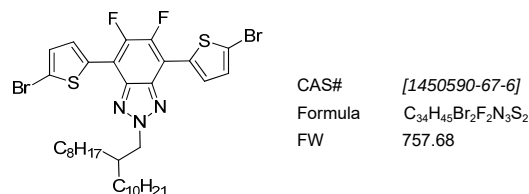
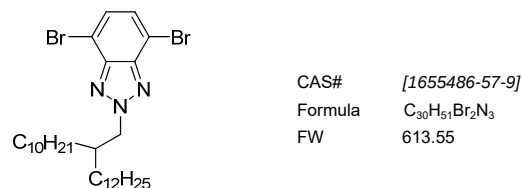
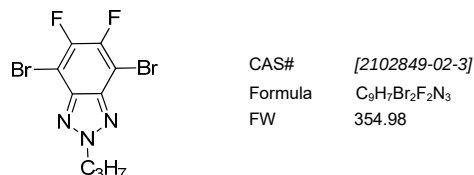
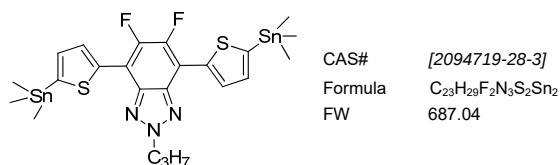
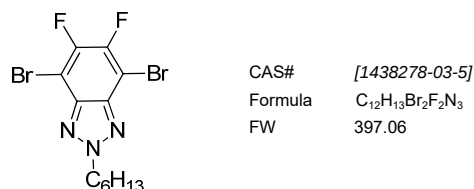
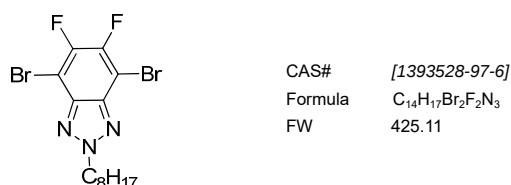
CAT# IN1645

CAS# [1312118-15-2]
Formula $C_{23}H_{37}Br_2N_3$
FW 515.37

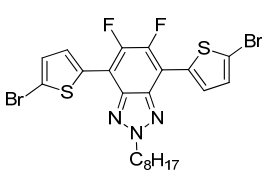
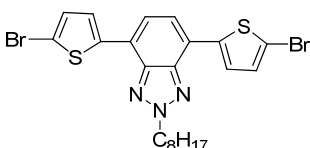
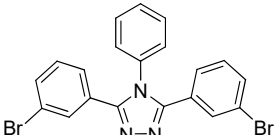
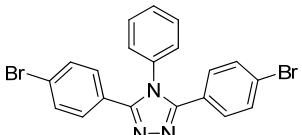
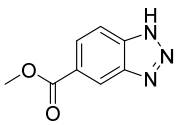
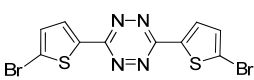
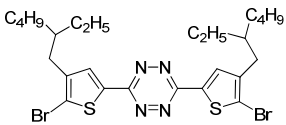
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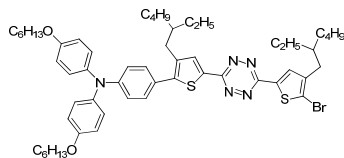
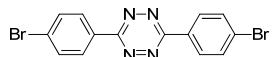
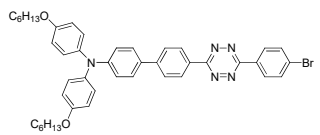
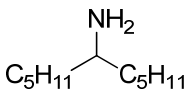
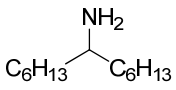
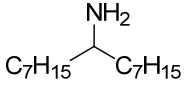
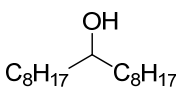
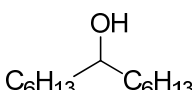
CAT# IN1315

CAS# [2241425-12-5]
Formula $C_{23}H_{37}F_2N_3$
FW 393.56

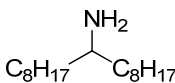
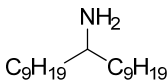
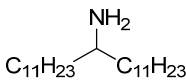
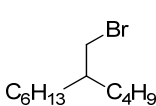
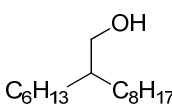
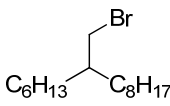
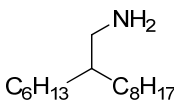
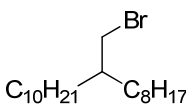
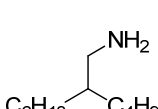
4,7-Dibromo-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole	
CAT# IN1646	
	CAS# [1616860-69-5] Formula $C_{23}H_{35}Br_2F_2N_3$ FW 551.35
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole	
CAT# IN1648	
	CAS# [1616860-72-0] Formula $C_{31}H_{39}Br_2F_2N_3S_2$ FW 715.60
2-(6-Bromohexyl)-4,7-dibromobenzotriazole	
CAT# IN1033	
	CAS# [890704-02-6] Formula $C_{12}H_{14}Br_3N_3$ FW 439.97
2-(2-Ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole	
CAT# IN1371	
	CAS# [2211181-64-3] Formula $C_{14}H_{19}F_2N_3$ FW 267.32
4,7-Dibromo-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole	
CAT# IN1385	
	CAS# [1916476-35-1] Formula $C_{14}H_{17}Br_2F_2N_3$ FW 425.11
4,7-Bis(5-bromothiophen-2-yl)-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole	
CAT# IN1393	
	CAS# [1476807-53-0] Formula $C_{22}H_{21}Br_2F_2N_3S_2$ FW 589.36

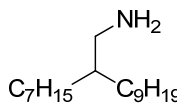
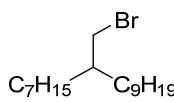
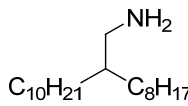
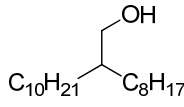
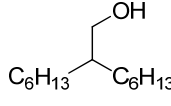
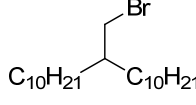
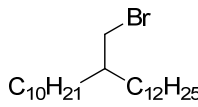
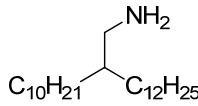
2-(2-Ethylhexyl)-5,6-difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole	
CAT# IN1394	
	CAS# 2766787-21-5 Formula $C_{28}H_{39}F_2N_3S_2Sn_2$ FW 757.18
5-(2-(2-Ethylhexyl)-7-(5-((trimethylsilyl)ethynyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazol-4-yl)thiophene-2-carbaldehyde	
CAT# IN1900	
	CAS# Formula $C_{28}H_{33}N_3OS_2Si$ FW 519.80
4,7-Dibromo-2-(2-ethylhexyl)-5,6-dinitro-2H-benzo[d][1,2,3]triazole	
CAT# IN1794	
	CAS# [1613460-25-5] Formula $C_{14}H_{17}Br_2N_5O_4$ FW 479.12
4,7-Dibromo-2-(2-butyloctyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole	
CAT# IN1386	
	CAS# [1283099-24-0] Formula $C_{18}H_{25}Br_2F_2N_3$ FW 481.22
4,7-Dibromo-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole	
CAT# IN1399	
	CAS# [1563332-28-4] Formula $C_{22}H_{33}Br_2F_2N_3$ FW 537.32

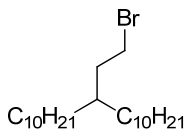
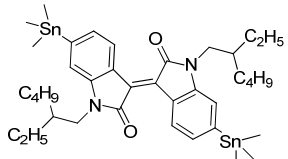
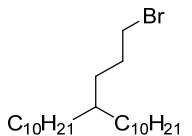
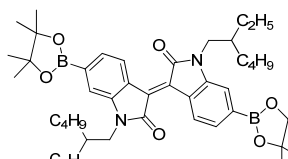
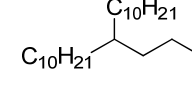
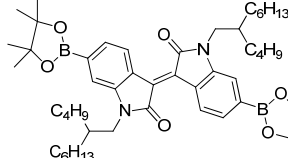
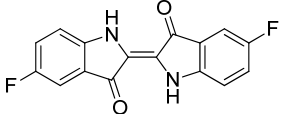
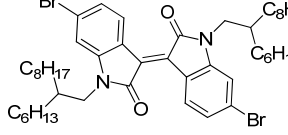
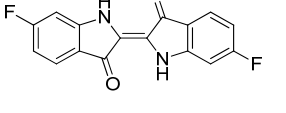
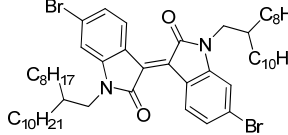
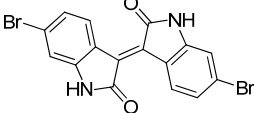
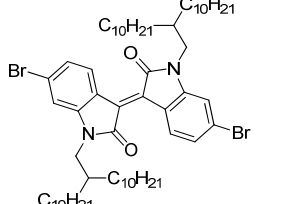
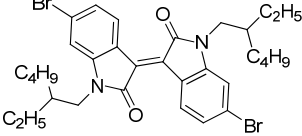
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1409

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

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

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

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

4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-octyldodecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1607

4,7-Dibromo-2-(2-decyltetradecyl)-2H-benzo[d][1,2,3]triazole
CAT# IN1638

4,7-Dibromo-5,6-difluoro-2-propyl-2H-benzo[d][1,2,3]triazole
CAT# IN1397

5,6-Difluoro-2-propyl-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole
CAT# IN1528

4,7-Dibromo-5,6-difluoro-2-hexyl-2H-benzo[d][1,2,3]triazole
CAT# IN1398

4,7-Dibromo-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole
CAT# IN1387


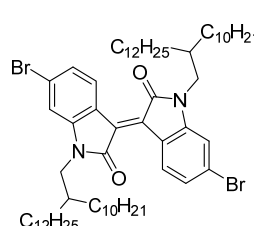
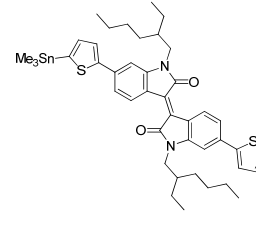
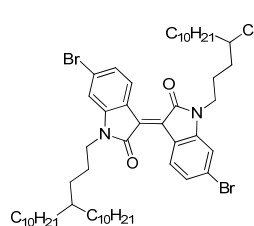
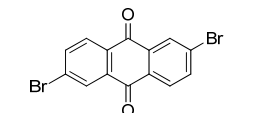
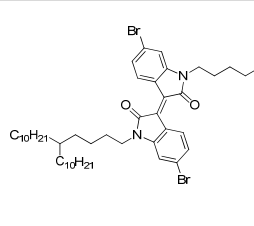
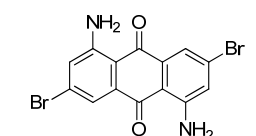
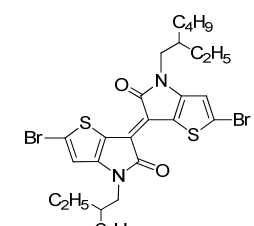
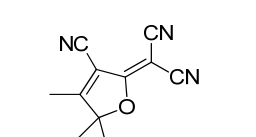
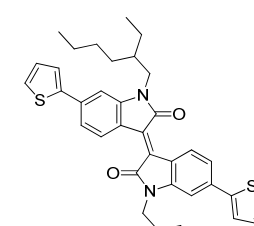
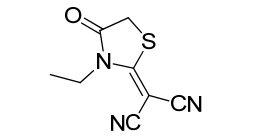
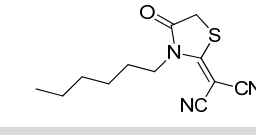
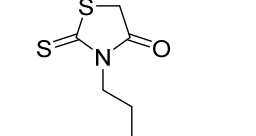
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole	
CAT# IN1388	
	CAS# [1393528-99-8] Formula $C_{22}H_{21}Br_2F_2N_3S_2$ FW 589.36
2-Octyl-4,7-di(5-bromo-thiophen-2-yl)-2H-benzo[d][1,2,3]triazole	
CAT# IN1047	
	CAS# [1254062-39-9] Formula $C_{22}H_{23}Br_2N_3S_2$ FW 553.38
3,5-Bis(3-bromophenyl)-4-phenyl-4H-1,2,4-triazole	
CAT# IN1066	
	CAS# [1198843-27-4] Formula $C_{20}H_{13}Br_2N_3$ FW 455.15
3,5-Bis(4-bromophenyl)-4-phenyl-4H-1,2,4-triazole	
CAT# IN1067	
	CAS# [208124-25-8] Formula $C_{20}H_{13}Br_2N_3$ FW 455.15
Methyl 1H-benzo[d][1,2,3]triazole-5-carboxylate	
CAT# IN2067	
	CAS# [113053-50-2] Formula $C_8H_7N_3O_2$ FW 177.16
3,6-Bis(5-bromothiophen-2-yl)-1,2,4,5-tetrazine	
CAT# IN1370	
	CAS# [1279083-60-1] Formula $C_{10}H_4Br_2N_4S_2$ 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 $C_{26}H_{36}Br_2N_4S_2$ FW 628.53

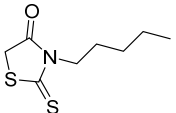
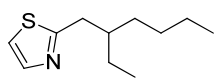
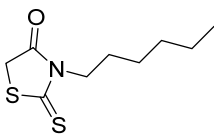
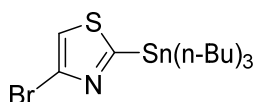
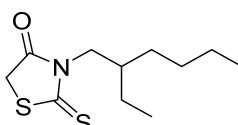
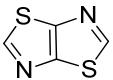
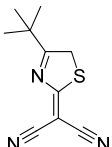
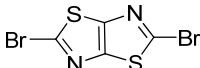
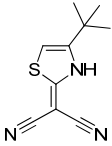
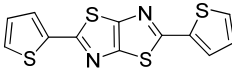
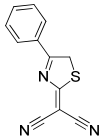
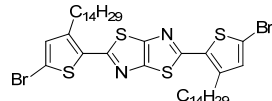
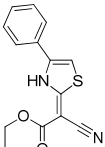
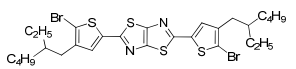
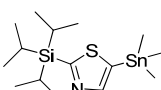
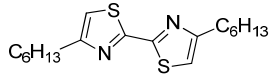
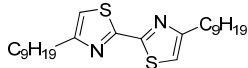
4-(5-(6-(5-Bromo-4-(2-ethylhexyl)thiophen-2-yl)-1,2,4,5-tetrazin-3-yl)-3-(2-ethylhexyl)thiophen-2-yl)-N,N-bis(4-(hexyloxy)phenyl)aniline	
CAT# IN1373	
	CAS# / Formula $C_{56}H_{74}BrN_5O_2S_2$ FW 993.25
3,6-Bis(4-bromophenyl)-1,2,4,5-tetrazine	
CAT# IN1378	
	CAS# [37932-46-0] Formula $C_{14}H_8Br_2N_4$ 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	
	CAS# / Formula $C_{44}H_{46}BrN_5O_2$ FW 756.77
Intermediates-Alkyl Chain Series	
Undecan-6-amine	
CAT# IN1059	
	CAS# [33788-00-0] Formula $C_{11}H_{25}N$ FW 171.32
Tridecan-7-amine	
CAT# IN1826	
	CAS# [22513-16-2] Formula $C_{13}H_{29}N$ FW 199.38
Pentadecan-8-amine	
CAT# IN1827	
	CAS# [18618-64-9] Formula $C_{15}H_{33}N$ FW 227.43
Heptadecan-9-ol	
CAT# IN1051	
	CAS# [624-08-8] Formula $C_{17}H_{35}O$ FW 256.47
7-Tridecanol	
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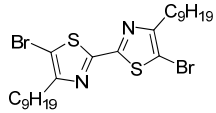
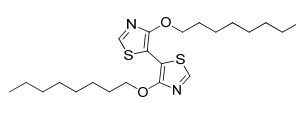
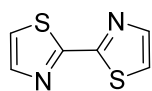
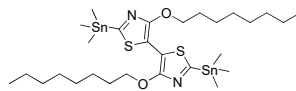
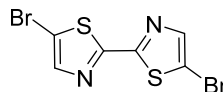
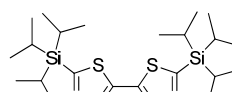
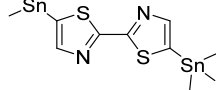
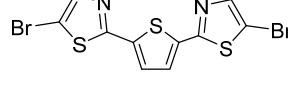
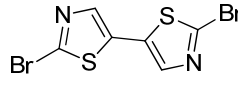
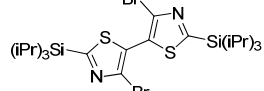
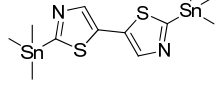
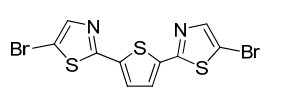
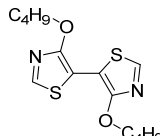
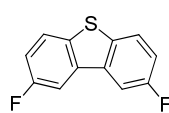
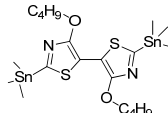
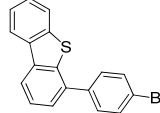
Heptadecan-9-amine			
CAT# IN1351			
	CAS#	[3241-20-1]	
	Formula	C ₁₇ H ₃₇ N	
	FW	255.48	
Nonadecan-10-amine			
CAT# IN1829			
	CAS#	[3241-23-4]	
	Formula	C ₁₉ H ₄₁ N	
	FW	283.54	
Tricosan-12-amine			
CAT# IN1890			
	CAS#	[22513-17-3]	
	Formula	C ₂₃ H ₄₉ N	
	FW	339.64	
5-(Bromomethyl)undecane			
CAT# 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-Butyloctan-1-amine			
CAT# IN1452			
	CAS#	[217655-07-7]	
	Formula	C ₁₂ H ₂₇ N	
	FW	185.35	

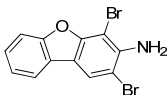
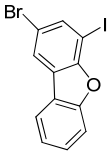
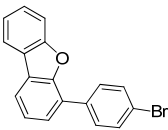
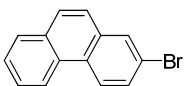
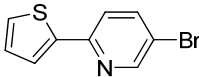
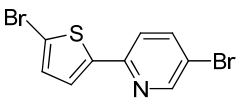
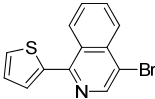
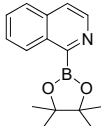
2-Heptylundecan-1-amine		
CAT# IN1552		
	CAS# Formula FW	[146408-34-6] C ₁₈ H ₃₉ N 269.51
8-(Bomomethyl)heptadecane		
CAT# IN2052		
	CAS# Formula FW	[82102-69-0] C ₁₈ H ₃₇ Br 333.40
2-Octyldodecan-1-amine		
CAT# IN1049		
	CAS# Formula FW	[62281-06-5] C ₂₀ H ₄₃ N 297.56
2-Octyldodecan-1-ol		
CAT# IN1050		
	CAS# Formula FW	[5333-42-6] C ₂₀ H ₄₂ O 298.55
2-Hexyloctan-1-ol		
CAT# IN1836		
	CAS# Formula FW	[19780-79-1] C ₁₄ H ₃₀ O 214.39
11-(Bromomethyl)henicosane		
CAT# IN1057		
	CAS# Formula FW	[1473452-21-9] C ₂₂ H ₄₅ Br 389.50
11-(Bromomethyl)tricosane		
CAT# IN1148		
	CAS# Formula FW	[732276-63-0] C ₂₄ H ₄₉ Br 417.55
2-Decyltetradecan-1-amine		
CAT# IN1158		
	CAS# Formula FW	[62281-07-6] C ₂₄ H ₅₁ N 353.67

11-(2-Bromoethyl)henicosane  CAS# [2229857-29-6] Formula C₂₃H₄₇Br FW 403.52	(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(trimethylstannyl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# / Formula C₃₈H₅₈N₂O₂Sn₂ FW 812.30
11-(3-Bromopropyl)henicosane  CAS# [123613-16-1] Formula C₂₄H₄₉Br FW 417.56	(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# [1821433-54-8] Formula C₄₄H₆₄B₂N₂O₆ FW 738.61
11-(2-Iodoethyl)henicosane  CAS# [1413918-62-3] Formula C₂₃H₄₇I FW 450.52	(E)-1,1'-bis(2-butyloctyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# [2227382-74-1] Formula C₅₂H₈₀B₂N₂O₆ FW 850.821
Monomer-Isoindigo (IID) Series	
(E)-5,5'-difluoro-[2,2'-biindolinyldene]-3,3'-dione  CAS# Formula C₁₆H₈F₂N₂O₂ FW 298.24	(E)-6,6'-dibromo-1,1'-bis(2-hexyldecyl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# [1147124-24-0] Formula C₄₈H₇₂Br₂N₂O₂ FW 868.91
(E)-6,6'-difluoro-[2,2'-biindolinyldene]-3,3'-dione  CAS# [362-20-9] Formula C₁₆H₈F₂N₂O₂ FW 298.24	(E)-6,6'-dibromo-1,1'-bis(2-octyldecyl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# [1263379-85-6] Formula C₅₆H₈₈Br₂N₂O₂ FW 981.12
(E)-6,6'-dibromo-[3,3'-biindolinyldene]-2,2'-dione  CAS# [1147124-21-7] Formula C₁₆H₈Br₂N₂O₂ FW 420.05	(E)-6,6'-Dibromo-1,1'-bis(2-decyldecyl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# Formula C₆₀H₉₆Br₂N₂O₂ FW 1037.22
(E)-6,6'-dibromo-1,1'-bis(2-ethylhexyl)-[3,3'-biindolinyldene]-2,2'-dione  CAS# [1147124-23-9] Formula C₃₂H₄₀Br₂N₂O₂ FW 644.48	

(E)-6,6'-dibromo-1,1'-bis(2-decyltetradecyl)-[3,3'-biindolinylidene]-2,2'-dione CAT# IN2163  CAS# [1801592-76-6] Formula $C_{64}H_{104}Br_2N_2O_2$ FW 1093.36	(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(5-(trimethylstannyl)thiophen-2-yl)-[3,3'-biindolinylidene]-2,2'-dione CAT# IN1366  CAS# Formula $C_{46}H_{62}N_2O_2S_2Sn_2$ FW 976.55
(E)-6,6'-Dibromo-1,1'-bis(4-decyltetradecyl)-[3,3'-biindolinylidene]-2,2'-dione CAT# IN1364  CAS# [1413918-79-2] Formula $C_{64}H_{104}Br_2N_2O_2$ FW 1093.33	2,6-Dibromoanthracene-9,10-dione CAT# IN1085  CAS# [633-70-5] Formula $C_{14}H_6Br_2O_2$ FW 366.00
(E)-6,6'-dibromo-1,1'-bis(5-decylpentadecyl)-[3,3'-biindolinylidene]-2,2'-dione CAT# IN1365  CAS# [1413918-81-6] Formula $C_{66}H_{108}Br_2N_2O_2$ FW 1121.38	1,5-Diamino-3,7-dibromoanthracene-9,10-dione CAT# IN1865  CAS# / Formula $C_{14}H_8Br_2N_2O_2$ FW 396.03
(E)-2,2'-dibromo-4,4'-bis(2-ethylhexyl)-[6,6'-bithieno[3,2-b]pyrrolylidene]-5,5'(4H,4H')-dione CAT# IN1368  CAS# [1147124-49-9] Formula $C_{26}H_{36}Br_2N_2O_2S_2$ FW 656.54	2-(3-Cyano-4,5,5-trimethylfuran-2(5H)-ylidene)malononitrile CAT# IN1602  CAS# [171082-32-9] Formula $C_{11}H_9N_3O$ FW 199.21
(E)-1,1'-bis(2-ethylhexyl)-6,6'-di(thiophen-2-yl)-[3,3'-biindolinylidene]-2,2'-dione CAT# IN1369  CAS# [1327155-08-7] Formula $C_{40}H_{48}N_2O_2S_2$ FW 650.94	Monomer-Bithiazole (BTZ) Series 2-(3-Ethyl-4-oxothiazolidin-2-ylidene)malononitrile CAT# IN1406  CAS# [623558-68-9] Formula $C_8H_7N_3OS$ FW 193.23 2-(3-Hexyl-4-oxothiazolidin-2-ylidene)malononitrile CAT# IN1408  CAS# [2084812-77-9] Formula $C_{12}H_{15}N_3OS$ FW 249.33 4-Thiazolidinone,3-butyl-2-thioxo- CAT# IN1679  CAS# [21494-64-4] Formula $C_7H_{11}NOS_2$ FW 189.30

3-Pentyl-2-thioxothiazolidin-4-one CAT# IN1669	2-(2-Ethylhexyl)thiazole CAT# IN1784
 CAS# [56347-25-2] Formula C₈H₁₃NOS₂ FW 203.32	 CAS# Formula C₁₁H₁₉NS FW 197.34
3-Hexyl-2-thioxothiazolidin-4-one CAT# IN1726	4-Bromo-2-(tributylstannyl)thiazole CAT# IN2090
 CAS# [56347-27-4] Formula C₉H₁₅NOS₂ FW 217.35	 CAS# [173978-98-8] Formula C₁₅H₂₈BrNSSn FW 453.07
3-(2-Ethylhexyl)-2-thioxothiazolidin-4-one CAT# IN2036	Thiazolo[5,4-d]thiazole CAT# IN1400
 CAS# [100400-44-0] Formula C₁₁H₁₉NOS₂ FW 245.40	 CAS# [251-56-9] Formula C₄H₂N₂S₂ FW 142.20
2-(4-(Tert-butyl)thiazol-2(5H)-ylidene)malononitrile CAT# IN1407	2,5-Dibromothiazolo[5,4-d]thiazole CAT# IN1401
 CAS# 1454712-08-3 Formula C₁₀H₁₁N₃S FW 205.28	 CAS# [1040390-19-9] Formula C₄Br₂N₂S₂ FW 299.99
2-(4-(Tert-butyl)thiazol-2(3H)-ylidene)malononitrile CAT# IN2407	2,5-Di(thiophen-2-yl)thiazolo[5,4-d]thiazole CAT# IN1402
 CAS# [1360544-23-5] Formula C₁₀H₁₁N₃S FW 205.28	 CAS# [29608-87-5] Formula C₁₂H₆N₂S₄ FW 306.45
2-(4-Phenylthiazol-2(5H)-ylidene)malononitrile CAT# IN1412	2,5-Bis(5-bromo-3-tetradecylthiophen-2-yl)thiazolo[5,4-d]thiazole CAT# IN1404
 CAS# Formula C₁₂H₇N₃S FW 225.27	 CAS# Formula C₄₀H₆₀Br₂N₂S₄ FW 856.99
(E)-ethyl 2-cyano-2-(4-phenylthiazol-2(3H)-ylidene)acetate CAT# IN1415	2,5-Di(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-thiazolo[5,4-d]thiazole CAT# IN1405
 CAS# Formula C₁₄H₁₂N₂O₂S FW 272.32	 CAS# Formula C₂₈H₃₆Br₂N₂S₄ FW 688.67
2-(Triisopropylsilyl)-5-(trimethylstannyl)thiazole CAT# IN1543	4,4'-Diethyl-2,2'-bithiazole CAT# IN1143
 CAS# [1005196-16-6] Formula C₁₅H₃₁NSSiSn FW 404.27	 CAS# [180729-92-4] Formula C₁₈H₂₈N₂S₂ FW 336.56
	4,4'-Dinonyl-2,2'-bithiazole CAT# IN1034
	 CAS# [180729-91-3] Formula C₂₄H₄₀N₂S₂ FW 420.72

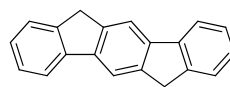
5,5'-Dibromo-4,4'-dinonyl-2,2'-bithiazole CAT# IN1035	4,4'-Bis(octyloxy)-5,5'-bithiazole CAT# IN1442
 CAS# [172100-44-6] Formula $C_{24}H_{38}Br_2N_2S_2$ FW 578.51	 CAS# / Formula $C_{22}H_{36}N_2O_2S_2$ FW 424.66
2,2'-Bithiazole CAT# IN2014	4,4'-Bis(octyloxy)-2,2'-bis(trimethylstannyl)-5,5'-bithiazole CAT# IN1443
 CAS# [13816-21-2] Formula $C_6H_4N_2S_2$ FW 168.23	 CAS# [2215018-37-2] Formula $C_{28}H_{52}N_2O_2S_2Sn_2$ FW 750.27
5,5'-Dibromo-2,2'-bithiazole CAT# IN1944	2,2'-Bis(triisopropylsilyl)-5,5'-bithiazole CAT# IN1635
 CAS# [216318-95-5] Formula $C_6H_2Br_2N_2S_2$ FW 326.02	 CAS# [1160067-11-7] Formula $C_{24}H_{44}N_2S_2Si_2$ FW 480.92
5,5'-Bis(trimethylstannyl)-2,2'-bithiazole CAT# IN1945	2,5-Bis(5-bromothiazol-2-yl)thiophene CAT# IN1444
 CAS# [156357-17-8] Formula $C_{12}H_{20}N_2S_2Sn_2$ FW 493.85	 CAS# [224453-08-1] Formula $C_{10}H_4Br_2N_2S_3$ FW 408.16
2,2'-Dibromo-5,5'-bithiazole CAT# IN1435	2,2'-Bis-triisopropylsilyl-4,4'-dibromo-5,5'-bithiazole CAT# IN1015
 CAS# [960069-36-7] Formula $C_6H_2Br_2N_2S_2$ FW 326.03	 CAS# [1223559-98-5] Formula $C_{24}H_{42}Br_2N_2S_2Si_2$ FW 638.71
2,2'-Bis(trimethylstannyl)-5,5'-bithiazole CAT# IN1436	2,5-Bis(5-bromothiazol-2-yl)thiophene CAT# IN1444
 CAS# Formula $C_{12}H_{20}N_2S_2Sn_2$ FW 493.85	 CAS# [224453-08-1] Formula $C_{10}H_4Br_2N_2S_3$ FW 408.16
4,4'-Dibutoxy-5,5'-bithiazole CAT# IN2140	2,8-Difluorodibenzo[b,d]thiophene CAT# OC1021
 CAS# / Formula $C_{14}H_{20}N_2O_2S_2$ FW 312.45	 CAS# [80017-76-1] Formula $C_{12}H_6F_2S$ FW 220.24
4,4'-Dibutoxy-2,2'-bis(trimethylstannyl)-5,5'-bithiazole CAT# IN1440	3,4-(4-Bromophenyl)dibenzo[b,d]thiophene CAT# OC1025
 CAS# [2432086-16-1] Formula $C_{20}H_{36}N_2O_2S_2Sn_2$ FW 638.06	 CAS# [530402-77-8] Formula $C_{18}H_{11}BrS$ FW 339.25

2,4-Dibromodibenzo[b,d]furan-3-amine	
CAT# OC1028	
	CAS# [133953-35-2] Formula $C_{12}H_7Br_2NO$ FW 341.00
2-Bromo-4-iododibenzo[b,d]furan	
CAT# OC1037	
	CAS# [1401068-25-4] Formula $C_{12}H_6BrIO$ FW 372.98
4-(4-Bromophenyl)dibenzo[b,d]furan	
CAT# OC1030	
	CAS# [955959-84-9] Formula $C_{18}H_{11}BrO$ FW 323.18
2-Bromophenanthrene	
CAT# OC1075	
	CAS# [62162-97-4] Formula $C_{14}H_9Br$ FW 257.1
5-Bromo-2-(thiophen-2-yl)pyridine	
CAT# IN1313	
	CAS# [91891-74-6] Formula C_9H_6BrNS FW 240.12
5-Bromo-2-(5-bromothiophen-2-yl)pyridine	
CAT# IN1314	
	CAS# [136902-53-9] Formula $C_9H_5Br_2NS$ FW 319.02
4-Bromo-1-(thiophen-2-yl)isoquinoline	
CAT# IN1316	
	CAS# [136902-53-9] Formula $C_{13}H_8BrNS$ FW 290.18
1-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)isoquinoline	
CAT# IN1596	
	CAS# [1316275-45-2] Formula $C_{15}H_{18}BNO_2$ FW 255.12

Monomer-Indenofluorene (IF) Series

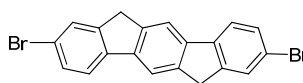
6,12-Dihydroindeno[1,2-b]fluorene

CAT# IN1682


CAS# [486-52-2]
Formula $C_{20}H_{14}$
FW 254.33

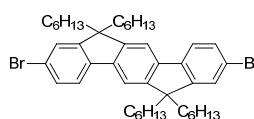
2,8-Dibromo-6,12-dihydroindeno[1,2-b]fluorene

CAT# IN1681


CAS# [848982-57-0]
Formula $C_{20}H_{12}Br_2$
FW 412.12

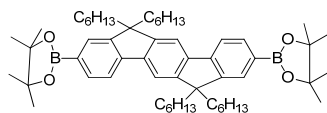
2,8-Dibromo-6,6,12,12-tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene

CAT# IN1683


CAS# [872705-69-6]
Formula $C_{44}H_{60}Br_2$
FW 748.76

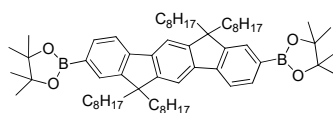
2,2'-(6,6,12,12-Tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl) bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

CAT# IN1684


CAS# [1210388-13-8]
Formula $C_{56}H_{84}B_2O_4$
FW 842.89

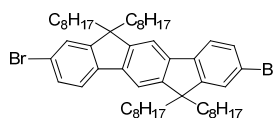
2,2'-(6,6,12,12-Tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl) bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

CAT# IN1685


CAS# [628303-20-8]
Formula $C_{64}H_{100}B_2O_4$
FW 955.10

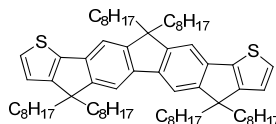
2,8-Dibromo-6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene

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

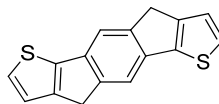
CAT# IN1921

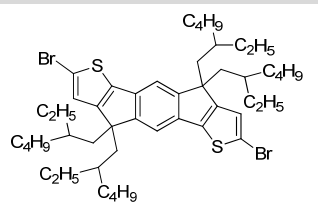
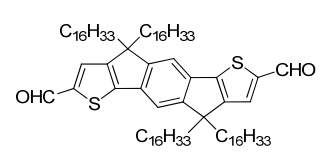
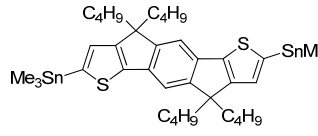
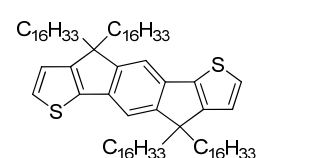
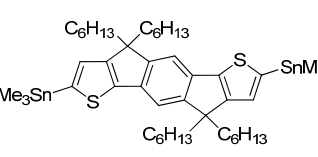
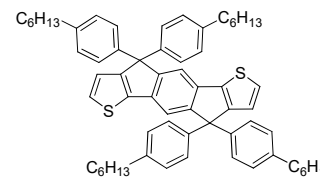
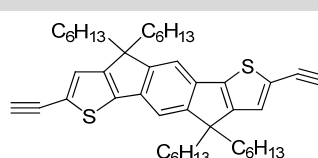
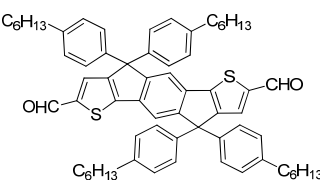
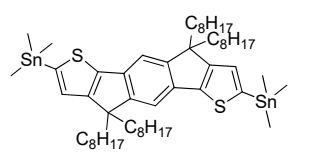
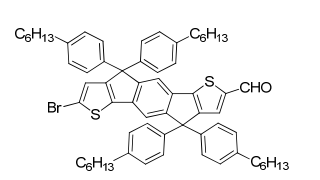
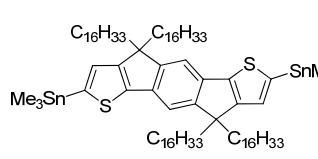
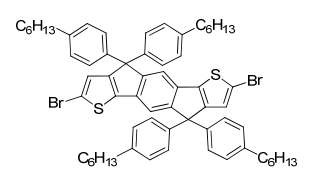

CAS# [1361061-16-6]
Formula $C_{71}H_{10}S_2$
FW 1027.76

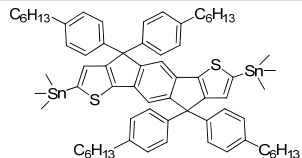
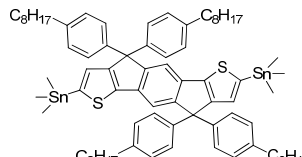
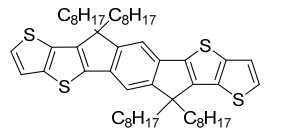
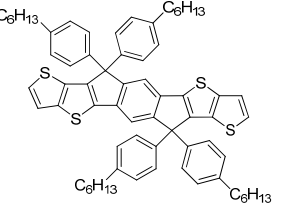
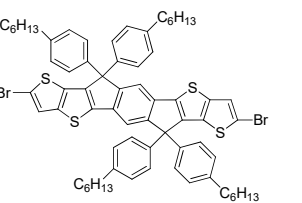
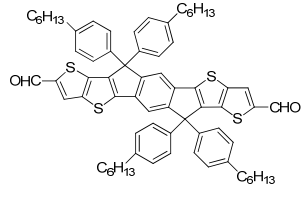
Monomer-Indacenodithiophene (IDT) Series

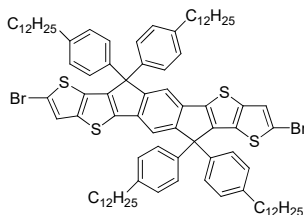
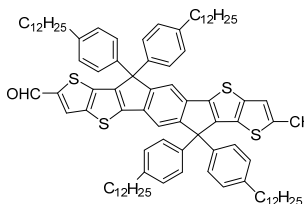
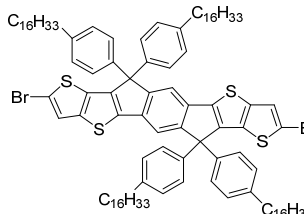
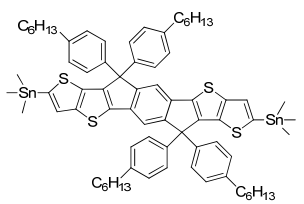
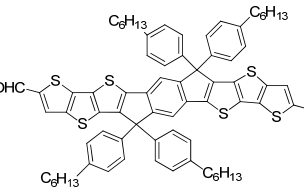
4,9-Dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

CAT# IN1467

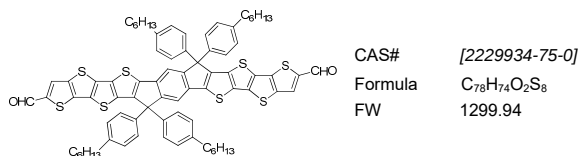
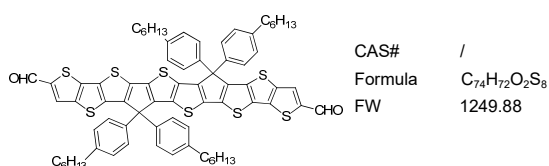

CAS# [1209012-31-6]
Formula $C_{16}H_{10}S_2$
FW 266.38

2,7-Dibromo-4,4,9,9-tetrakis(2-ethylhexyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene CAT# IN1410	4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde ID-CHO CAT# IN1554
 CAS# Formula FW C₄₈H₇₂Br₂S₂ 873.02	 CAS# Formula FW [2177241-05-1] C₈₂H₁₃₈O₂S₂ 1220.10
(4,4,9,9-Tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane) CAT# IN1462	4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene CAT# IN1555
 CAS# Formula FW [2247824-99-1] C₃₈H₅₈S₂Sn₂ 816.42	 CAS# Formula FW [1209012-34-9] C₈₀H₁₃₈S₂ 1164.08
(4,4,9,9-Tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane) CAT# IN1469	4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene CAT# IN1461
 CAS# Formula FW [2247825-00-7] C₆₈H₇₄S₂Sn₂ 928.63	 CAS# Formula FW [1049034-67-4] C₆₄H₇₄S₂ 907.40
2,7-Diethynyl-4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene CAT# IN1541	4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde CAT# IN1463
 CAS# Formula FW [2383018-88-8] C₄₄H₅₈S₂ 651.06	 CAS# Formula FW [1884694-93-2] C₆₈H₇₄O₂S₂ 963.42
(4,4,9,9-Tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane) CAT# IN1633	7-Bromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2-carbaldehyde CAT# IN1464
 CAS# Formula FW [1357250-67-9] C₅₄H₉₀S₂Sn₂ 1040.84	 CAS# Formula FW [1361418-07-6] C₆₅H₇₃BrO₂S₂ 1014.31
(4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane) ID-2Sn CAT# IN1553	2,7-Dibromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene CAT# IN1465
 CAS# Formula FW [1628951-38-1] C₉₆H₁₅₄S₂Sn₂ 1489.69	 CAS# Formula FW [1049034-71-0] C₆₄H₇₂Br₂S₂ 1065.19

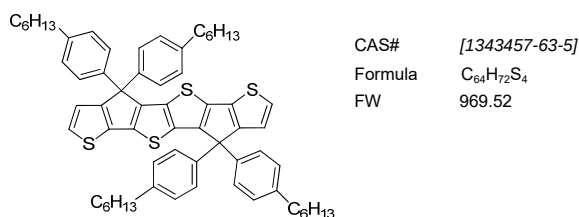
(4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)	
CAT# IN1466	
	CAS# [1252555-61-5] Formula $C_{70}H_{90}S_2Sn_2$ FW 1233.01
(4,4,9,9-Tetrakis(4-octylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)	
CAT# IN1438	
	CAS# [1433218-20-2] Formula $C_{78}H_{106}S_2Sn_2$ FW 1345.23
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	
CAT# IN1718	
	CAS# Formula $C_{52}H_{74}S_4$ FW 827.40
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	
CAT# IN1868	
	CAS# [1420071-64-2] Formula $C_{68}H_{74}S_4$ FW 1019.58
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# [2287180-54-3] 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# [1420472-87-2] 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-indacenodithieno[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

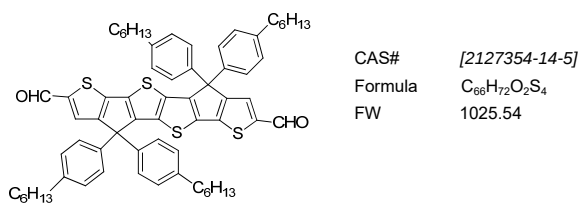
Bisthieno[2'',3''':4',5']thieno[2',3':4,5]thieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,10-dicarboxaldehyde,7,7,15,15-tetrakis(4-hexylphenyl)-7,15-dihydro-
IDTTTTB6-2CHO **CAT# IN1819**


CAT# IN1823


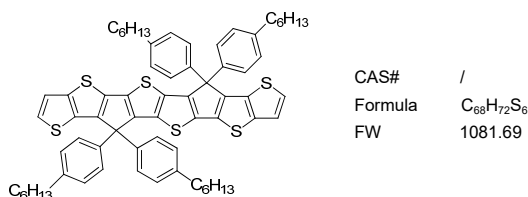
4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene

CAT# IN1814


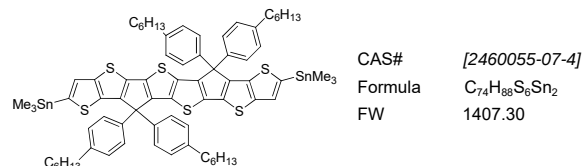
4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-dicarbaldehyde

CAT# IN1824


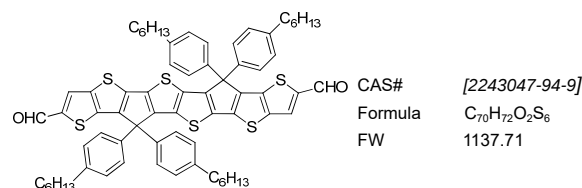
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4',5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']thieno[2',3':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene

CAT# IN1830


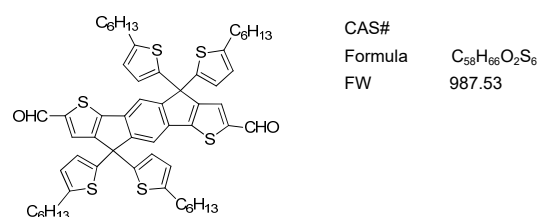
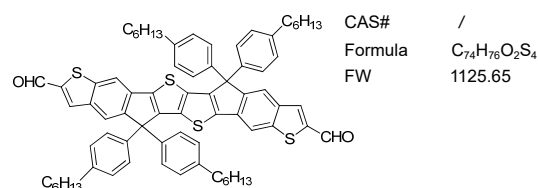
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4',5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':4',5']thieno[2',3':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,8-bis(trimethyltin)

CAT# IN1831


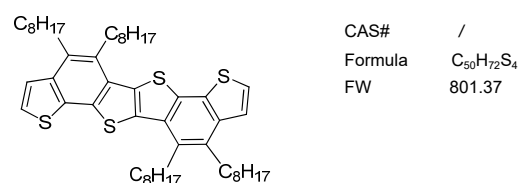
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CAT# IN1832


4,4,9,9-Tetrakis(5-hexylthiophen-2-yl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde

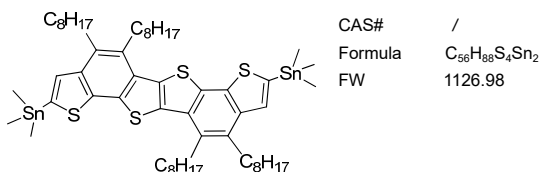
CAT# IN1812

CAT# IN1853


4,5,10,11-Tetraoctyl-thieno[3,2-g]thieno[3',2':6,7][1]benzothieno[3,2-b][1]benzothiophene

CAT# IN1858


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)

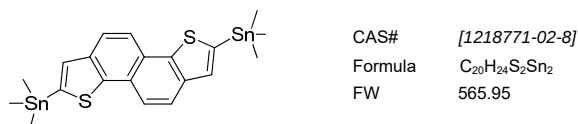
CAT# IN1857


Monomer-Naphthodithiophene Series
Naphtho[1,2-b:5,6-b']dithiophene

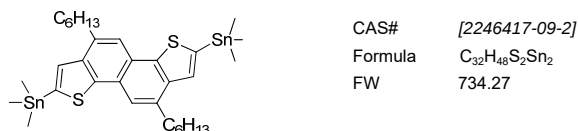
CAT# IN1522


2,7-Bis(trimethylstannyl)naphtho[1,2-b:5,6-b']dithiophene

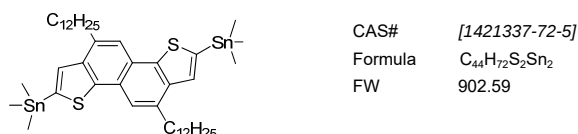
CAT# IN1523


(5,10-Dihexylnaphtho[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

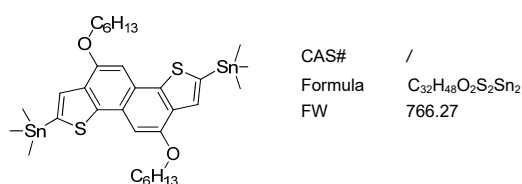
CAT# IN1524


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

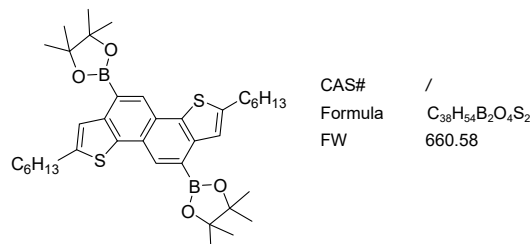
CAT# IN1525


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

IN1527


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)

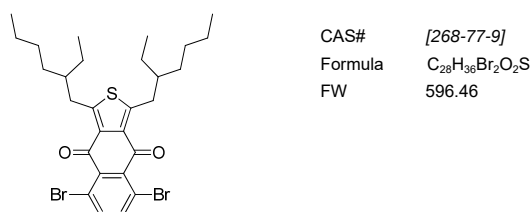
IN1582


Naphtho[2,3-b]thiophene

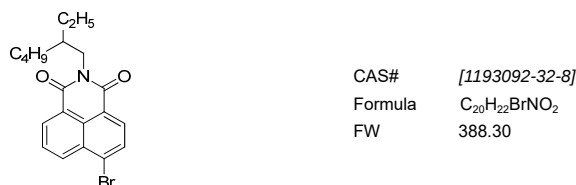
IN1721


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

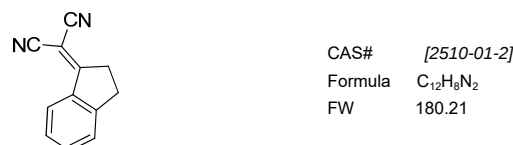
IN1752


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

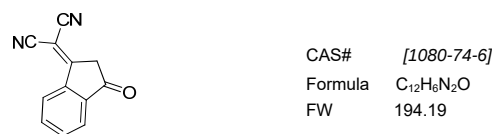
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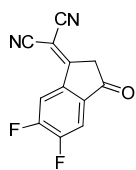
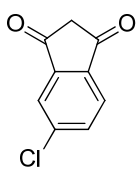
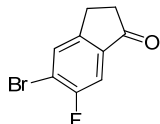
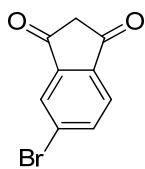
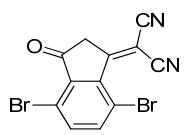
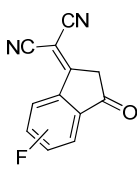
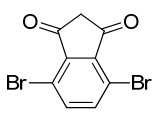
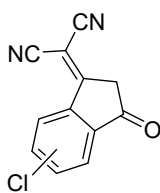
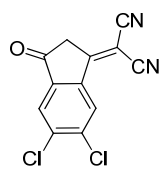
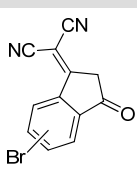
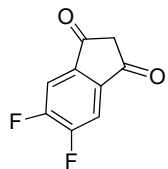
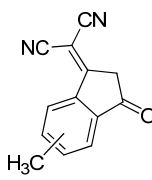
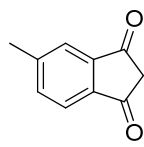
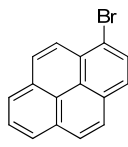

Monomer-Indanone-Cyano (IC) Series
2-(2,3-Dihydro-1H-inden-1-ylidene)malononitrile

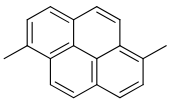
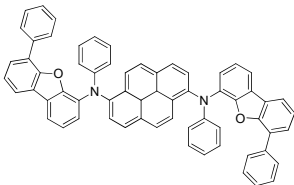
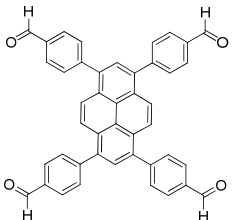
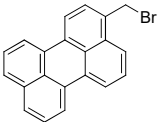
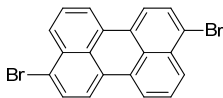
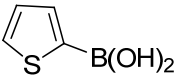
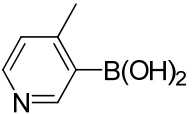
CAT# OC1167

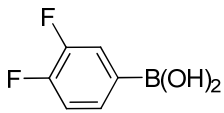
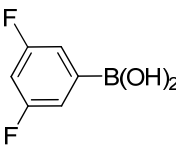
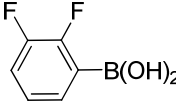
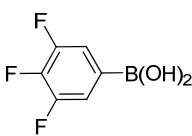
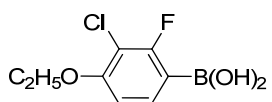
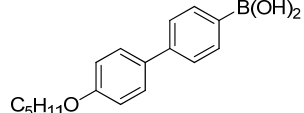
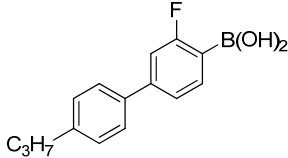

3-(Dicyanomethylidene)indan-1-one

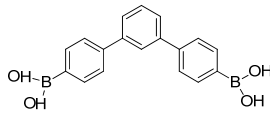
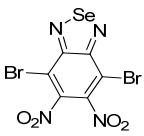
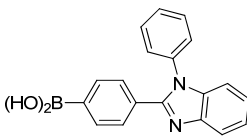
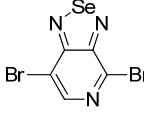
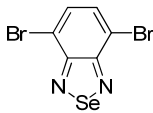
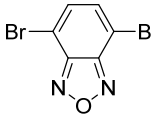
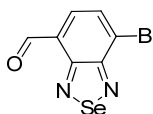
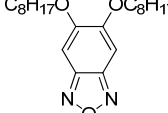
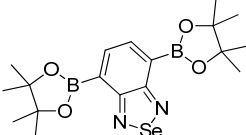
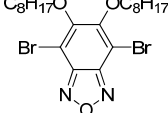
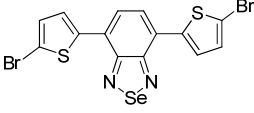
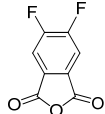
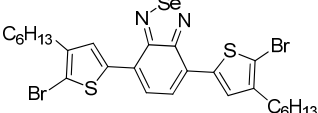
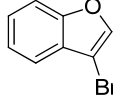
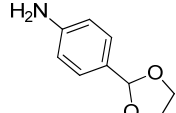
CAT# OC1168

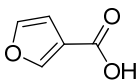
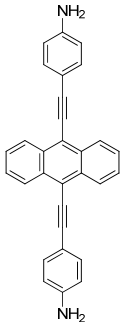
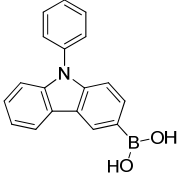
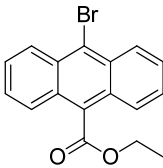
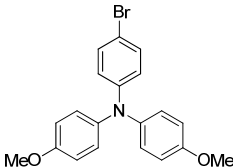
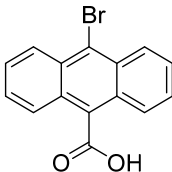
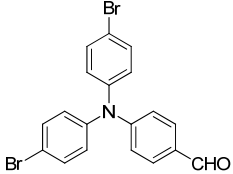
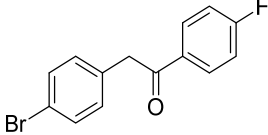
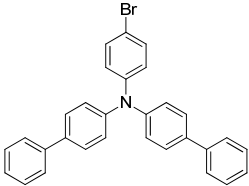
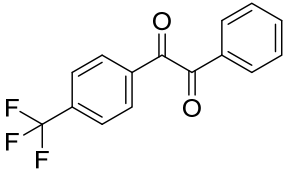
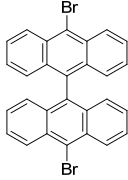
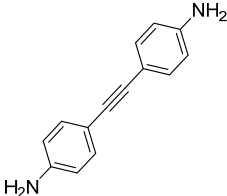
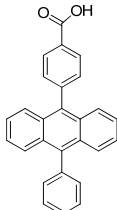


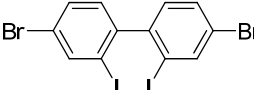
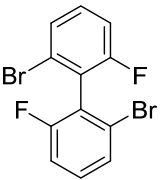
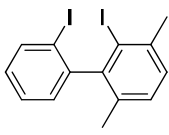
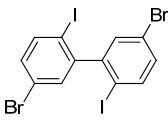
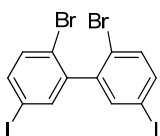
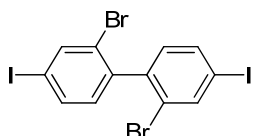
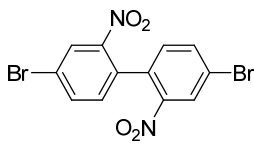
2-(5,6-Difluoro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1178  CAS# [2083617-82-5] Formula C₁₂H₄F₂N₂O FW 230.17	5-Chloro-1H-indene-1,3(2H)-dione CAT# OC1147  CAS# [22018-96-8] Formula C₉H₅ClO₂ FW 180.59
5-Bromo-6-fluoro-2,3-dihydro-1H-inden-1-one CAT# OC1198  CAS# [866862-25-1] Formula C₉H₆BrFO FW 229.05	5-Bromo-1,3-indandione CAT# OC1148  CAS# [27611-39-8] Formula C₉H₅BrO₂ FW 225.04
2-(4,7-Dibromo-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1192  CAS# / Formula C₁₂H₄Br₂N₂O FW 351.98	2-((5)6-Fluoro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1179  CAS# [507484-54-0] Formula C₁₃H₉FN₂O FW 228.22
4,7-Dibromo-1H-indene-1,3(2H)-dione CAT# OC1194  CAS# / Formula C₉H₄Br₂O₂ FW 303.93	2-((5)6-Chlorine-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1184  CAS# / Formula C₁₂HClN₂O FW 228.63
2-(5,6-Dichloro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1183  CAS# [2197167-50-1] Formula C₁₂H₄Cl₂N₂O FW 263.08	2-((5)6-Bromo-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1177  CAS# [507484-47-1] Formula C₁₂H₅BrN₂O FW 273.08
5,6-Difluoro-1H-indene-1,3(2H)-dione CAT# OC1189  CAS# [1454686-04-4] Formula C₉H₄F₂O₂ FW 182.12	2-((5)6-Methyl-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile CAT# OC1176  CAS# [2047352-75-8] Formula C₁₃H₉N₂O FW 208.22
5-Methyl-1H-indene-1,3(2H)-dione CAT# OC1146  CAS# [50919-77-2] Formula C₁₀H₈O₂ FW 160.17	Monomer- Pyrene Series 1-Bromopyrene CAT# IN1080  CAS# [1714-29-0] Formula C₁₆H₉Br FW 281.15

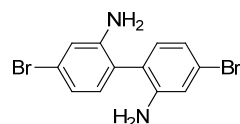
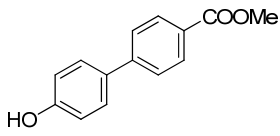
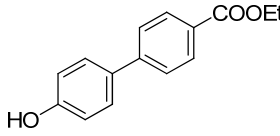
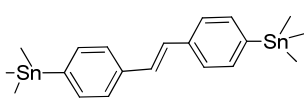
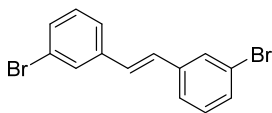
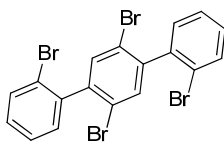
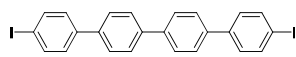
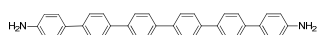
1,6-Dimethylpyrene	
CAT# IN2080	
	CAS# [27984-16-3] Formula C ₁₈ H ₁₄ FW 230.31
N',N'-diphenyl-N',N'-bis(6-phenyldibenzo[b,d]furan-4-yl)-3a',5a'-dihydropyrene-1,6-diamine	
CAT# IN1675	
	CAS# [1252914-65-0] Formula C ₆₄ H ₄₀ N ₂ O ₂ FW 871.03
4,4',4'',4'''-(Pyrene-1,3,6,8-tetrayl)tetrabenzaldehyde	
CAT# IN1674	
	CAS# [1415238-25-3] Formula C ₄₄ H ₂₆ O ₄ FW 618.67
1-Bromopyrene	
CAT# IN1081	
	CAS# [1160604-36-3] Formula C ₂₁ H ₁₃ Br FW 345.23
3,9-Dibromoperylene	
CAT# IN1781	
	CAS# [56752-35-3] Formula C ₂₀ H ₁₀ Br ₂ FW 410.10
Other Intermediates	
Thiophen-2-ylboronic acid	
CAT# BA025	
	CAS# [6165-68-0] Formula C ₄ H ₃ BO ₂ S FW 127.96
4-Methylpyridine-3-boronic acid	
CAT# BA030	
	CAS# [148546-82-1] Formula C ₆ H ₈ BNO ₂ FW 136.94

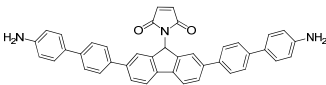
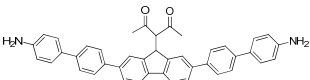
3,4-Difluorophenylboronic acid	
CAT# BA105	
	CAS# [168267-41-2] Formula C ₆ H ₅ BF ₂ O ₂ FW 157.91
3,5-Difluorophenylboronic acid	
CAT# BA106	
	CAS# [156545-07-2] Formula C ₆ H ₅ BF ₂ O ₂ FW 157.91
2,3-Difluorophenylboronic acid	
CAT# BA107	
	CAS# [121219-16-7] Formula C ₆ H ₅ BF ₂ O ₂ FW 157.91
3,4,5-Trifluorophenylboronic acid	
CAT# BA108	
	CAS# [143418-49-9] Formula C ₆ H ₄ BF ₃ O ₂ FW 175.90
3-Chloro-4-ethoxy-2-fluorophenylboronic acid	
CAT# BA111	
	CAS# [909122-50-5] Formula C ₈ H ₉ BClFO ₃ FW 218.42
4'-(Pentyloxy)biphenyl-4-ylboronic acid	
CAT# BA115	
	CAS# [158937-25-8] Formula C ₁₇ H ₂₁ BO ₃ FW 284.16
3-Fluoro-4'-propylbiphenyl-4-ylboronic acid	
CAT# BA118	
	CAS# [909709-42-8] Formula C ₁₅ H ₁₆ BFO ₂ FW 258.10

[1,1':3',1''-Terphenyl]-4,4''-diylboronic acid CAT# BA120	4,7-Dibromo-5,6-dinitrobenzo[c][1,2,5]selenadiazole CAT# IN1809
 CAS# / Formula $C_{18}H_{16}B_2O_4$ FW 317.94	 CAS# [711026-22-1] Formula $C_6Br_2N_4O_4Se$ FW 430.86
4-(1-Phenyl-1H-benzo[d]imidazol-2-yl)phenylboronic acid CAT# BA122	4,7-Dibromo-[1,2,5]selenadiazolo[3,4-c]pyridine CAT# IN1802
 CAS# [952514-79-3] Formula $C_{19}H_{15}BN_2O_2$ FW 314.15	 CAS# [1454601-12-7] Formula $C_5HBr_2N_3Se$ FW 341.85
4,7-Dibromo-2,1,3-benzoselenadiazole CAT# IN1030	4,7-Dibromo-2,1,3-benzoxadiazole CAT# IN2040
 CAS# [63224-42-0] Formula $C_6H_2Br_2N_2Se$ FW 340.86	 CAS# [54286-63-4] Formula $C_6H_2Br_2N_2O$ FW 277.90
7-Bromobenzo[c][1,2,5]selenadiazole-4-carbaldehyde CAT# IN1933	5,6-Bis(octyloxy)benzo[c][1,2,5]oxadiazole CAT# IN1042
 CAS# [1543042-73-4] Formula $C_7H_3BrN_2OSe$ FW 289.98	 CAS# [1314801-34-7] Formula $C_{22}H_{36}N_2O_3$ FW 376.53
4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1801	4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-oxadiazole CAT# IN1043
 CAS# Formula $C_{18}H_{26}B_2N_2O_4Se$ FW 434.99	 CAS# [1314801-35-8] Formula $C_{22}H_{34}Br_2N_2O_3$ FW 534.32
4,7-Bis(5-bromothiophen-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1031	5,6-Difluoroisobenzofuran-1,3-dione CAT# IN1421
 CAS# [534591-72-5] Formula $C_{14}H_6Br_2N_2S_2Se$ FW 505.11	 CAS# [18959-30-3] Formula $C_8H_2F_2O_3$ FW 184.10
4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1805	3-Bromobenzofuran CAT# IN1893
 CAS# [1256447-82-1] Formula $C_{28}H_{30}Br_2N_2S_2Se$ FW 673.43	 CAS# [59214-70-9] Formula C_8H_5BrO FW 197.03
	4-(1,3-Dioxolan-2-yl)aniline CAT# OC1023
	 CAS# [19073-14-4] Formula $C_9H_{11}NO_2$ FW 165.19

Furan-3-carboxylic acid  CAS# [488-93-7] Formula C₅H₄O₃ FW 112.08	4,4'-(Anthracene-9,10-diylbis(ethyne-2,1-diyl))dianiline AABA  CAS# [1186580-77-7] Formula C₃₀H₂₀N₂ FW 408.49
9-Phenyl-9H-carbazol-3-ylboronic acid  CAS# [854952-58-2] Formula C₁₈H₁₄BNO₂ FW 287.12	Ethyl 10-bromoanthracene-9-carboxylate  CAS# [1089318-91-1] Formula C₁₇H₁₃BrO₂ FW 329.19
4-Bromo-N,N-bis(4-methoxyphenyl)aniline  CAS# [194416-45-0] Formula C₂₀H₁₈BrNO₂ FW 384.27	10-Bromoanthracene-9-carboxylic acid  CAS# [6929-81-3] Formula C₁₅H₉BrO₂ FW 301.13
4-[Bis-(4-bromophenyl)amino]benzaldehyde  CAS# [25069-38-9] Formula C₁₉H₁₃Br₂NO FW 431.12	2-(4-Bromophenyl)-1-(4-fluorophenyl)ethan-1-one  CAS# [1026709-79-4] Formula C₁₄H₉BrFO FW 293.14
N-([1,1'-biphenyl]-4-yl)-N-(4-bromophenyl)-[1,1'-biphenyl]-4-amine  CAS# [499128-71-1] Formula C₃₀H₂₂BrN FW 476.41	1-Phenyl-2-(4-(trifluoromethyl)phenyl)ethane-1,2-dione  CAS# [35923-45-6] Formula C₁₅H₉F₃O₂ FW 278.23
10,10'-Dibromo-9,9'-bianthryl  CAS# [121848-75-7] Formula C₂₈H₁₆Br₂ FW 512.23	4,4'-(Ethyne-1,2-diyl)dianiline  CAS# [6052-15-9] Formula C₁₄H₁₂N₂ FW 208.26
4-(10-Phenylanthracen-9-yl)benzoic acid  CAS# [1877285-47-6] Formula C₂₇H₁₈O₂ FW 374.43	

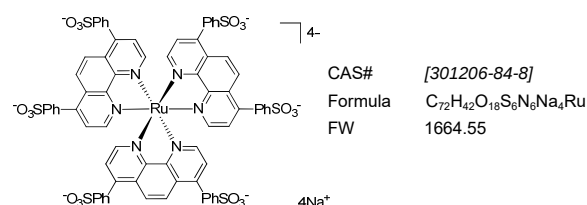
4,4'-Dibromo-2,2'-diiodobiphenyl		CAT# IN1083	
	CAS# Formula FW	[852138-89-7] $C_{12}H_6Br_2I_2$ 563.79	
2,2'-Bibromo-6,6'-difluoro-1,1'-biphenyl		CAT# IN2184	
	CAS# Formula FW	[1316276-94-4] $C_{12}H_6Br_2F_2$ 347.98	
2,2'-Diiodo-3,6-dimethyl-1,1'-biphenyl		CAT# IN1077	
	CAS# Formula FW	 $C_{14}H_{12}I_2$ 434.05	
5,5'-Dibromo-2,2'-diiodobiphenyl		CAT# IN1483	
	CAS# Formula FW	[873792-52-0] $C_{12}H_6Br_2I_2$ 563.79	
2,2'-Dibromo-5,5'-diiodobiphenyl		CAT# IN1484	
	CAS# Formula FW	[852139-02-7] $C_{12}H_6Br_2I_2$ 563.79	
2,2'-Dibromo-4,4'-diiodobiphenyl		CAT# IN1485	
	CAS# Formula FW	[852138-93-3] $C_{12}H_6Br_2I_2$ 563.79	
4,4'-Dibromo-2,2'-dinitrobiphenyl		CAT# IN1486	
	CAS# Formula FW	[91371-12-9] $C_{12}H_6Br_2N_2O_4$ 345.98	

4,4'-Dibromobiphenyl-2,2'-diamine		CAT# IN1487	
	CAS# Formula FW	[136630-36-9] $C_{12}H_{10}Br_2N_2$ 342.03	
Methyl 4'-hydroxybiphenyl-4-carboxylate		CAT# IN1084	
	CAS# Formula FW	[40501-41-5] $C_{14}H_{12}O_3$ 228.24	
Ethyl 4'-hydroxybiphenyl-4-carboxylate		CAT# IN1086	
	CAS# Formula FW	[50670-76-3] $C_{15}H_{14}O_3$ 242.27	
(E)-1,2-bis(4-(trimethylstannyl)phenyl)ethene		CAT# IN1449	
	CAS# Formula FW	 $C_{20}H_{28}Sn_2$ 505.86	
(E)-1,2-bis(3-bromophenyl)ethene		CAT# IN2149	
	CAS# Formula FW	[23958-26-1] $C_{14}H_{10}Br_2$ 338.04	
2,2',2'',5'-Tetrabromo-1,1':4',1''-terphenyl		CAT# IN1715	
	CAS# Formula FW	[912922-58-8] $C_{18}H_{10}Br_4$ 545.89	
4,4'''-Diiodo-[1,1':4',1'';4'',1''']quaterphenyl		CAT# IN1088	
	CAS# Formula FW	[1770-82-7] $C_{24}H_{16}I_2$ 558.19	
[1,1':4',1'';4'',1''';1''':4''',1'''';4'''';1''''']-Sexiphenyl]-4,4''''-diamine		CAT# IN1688	
	CAS# Formula FW	[77496-07-2] $C_{36}H_{28}N_2$ 488.62	

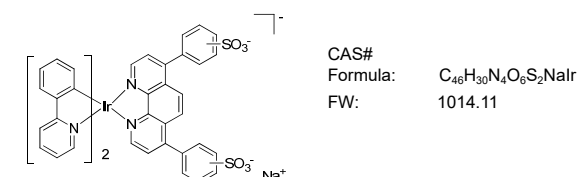
1-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)-1H-pyrrole-2,5-dione	
CAT# IN1687	
	CAS#
	Formula $C_{41}H_{29}N_3O_2$
	FW 595.69
3-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)pentane-2,4-dione	
CAT# IN1689	
	CAS#
	Formula $C_{42}H_{34}N_2O_2$
	FW 598.73

Protein Staining Agents

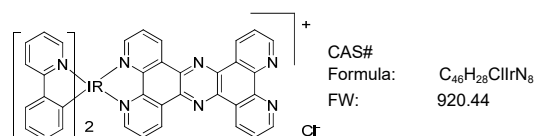
Tris(bathophenanthroline disulfonate)ruthenium(II) tetrasodium salt

RuBPS
CAT# RU092092092Na


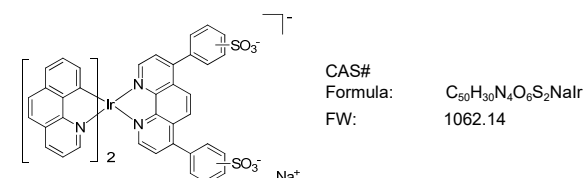
Bis(2-phenylpyridine- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(ppy)₂BPS
CAT# IR601601092Na


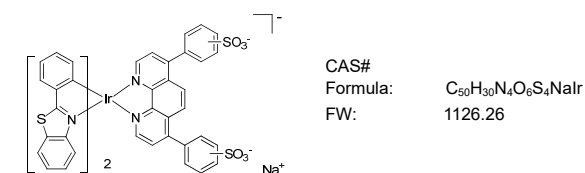
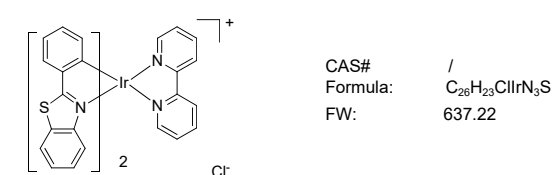
Bis(2-phenylpyridine- C^2,N)(tetrapyrido[3,2-a:2',3'-c:3'',2''-h:2''',3'''-j]phenazine) iridium(III)chloride

CAT# IR601601112Cl


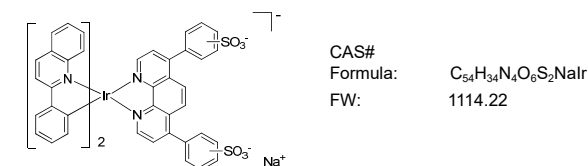
Bis(benzo[h]quinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(bzq)₂BPS
CAT# IR621621092Na


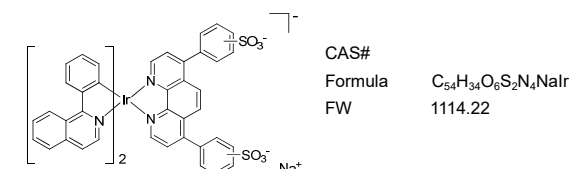
Bis(2-phenylbenzothiazole- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(bt)₂BPS
CAT# IR625625092Na

Ir(bt)₂BIPY
CAT# IR625625001Cl


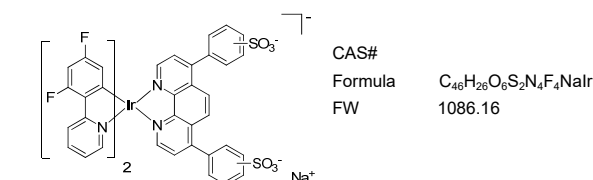
Bis(2-phenylquinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(2-phq)₂BPS
CAT# IR618618092Na


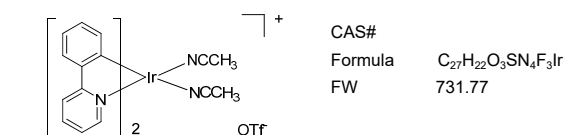
Bis(1-phenylisoquinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(piq)₂BPS
CAT# IR617617092Na


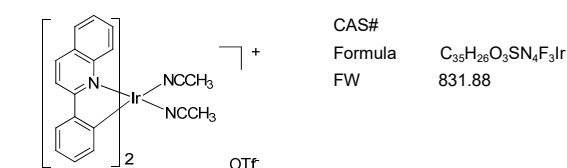
Bis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(f-ppy)₂BPS
CAT# IR604604092Na


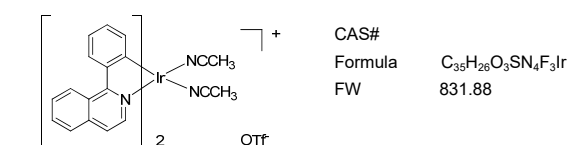
Bis(2-phenylpyridine- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

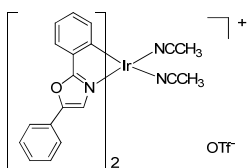
Ir(ppy)₂MECN
CAT# IR601601MECN


Bis(2-phenylquinoline- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

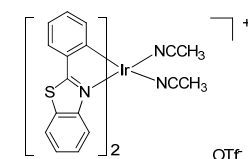
Ir(2-phq)₂MECN
CAT# IR618618MECN


Bis(1-phenylisoquinoline- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

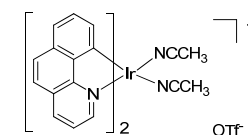
Ir(piq)₂MECN
CAT# IR617617MECN


Bis(2,5-diphenyloxazole-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(dpo)₂MECN
CAT# IR624624MECN


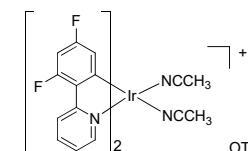
CAS#
Formula: C₃₅H₂₆O₅SN₄F₃Ir
FW: 863.88

Bis(2-phenylbenzothiazole-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(bt)₂MECN
CAT# IR625625MECN


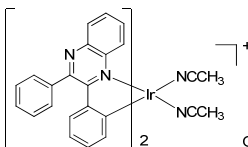
CAS#
Formula: C₃₁H₂₂O₃S₃N₄F₃Ir
FW: 843.94

Bis(2-benzo[*h*]quinoline-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(bzq)₂MECN
CAT# IR621621MECN


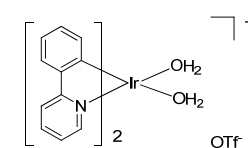
CAS#
Formula: C₃₁H₂₂O₃SN₄F₃Ir
FW: 779.81

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(f-ppy)₂MECN
CAT# IR604604MECN


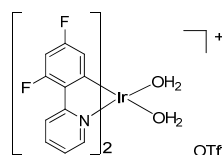
CAS#
Formula: C₂₇H₁₈N₄O₃SF₇Ir
FW: 803.73

Bis(2,3-diphenylquinoxaline-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(dpq)₂MECN
CAT# IR628628MECN


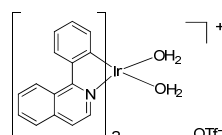
CAS#
Formula: C₄₅H₃₂N₆O₃SF₃Ir
FW: 986.07

Bis(2-phenylpyridine-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate
CAT# IR601601H2O


CAS#
Formula: C₂₃H₂₀N₂O₅SF₃Ir
FW: 685.65

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate
CAT# IR604604H2O


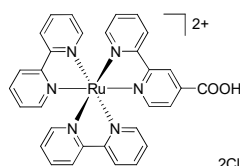
CAS#
Formula: C₂₃H₁₆N₂O₅SF₇Ir
FW: 757.65

Bis(1-phenylisoquinoline-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate
CAT# IR617617H2O


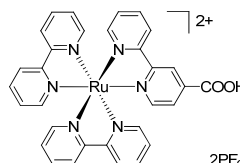
CAS#
Formula: C₃₁H₂₄N₂O₅SF₃Ir
FW: 785.81

Labeling Reagents

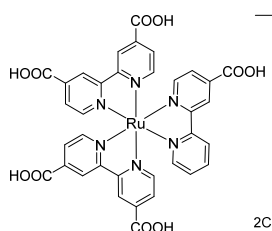
Ru Complexes

Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) dichloride
CAT# RU401001001Cl


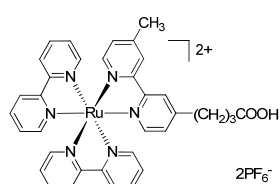
CAS#
Formula: C₃₁H₂₄O₂N₆Cl₂Ru
FW: 684.55

Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate
CAT# RU401001001PF6


CAS#
Formula: C₃₁H₂₄O₂F₁₂N₆P₂Ru
FW: 903.56

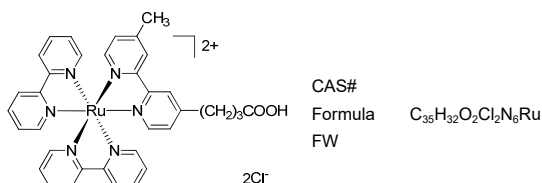
Bis(4,4'-dicarboxy-2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) ruthenium(II) bishexafluorophosphate
CAT# RU401029029Cl


CAS#
Formula
FW

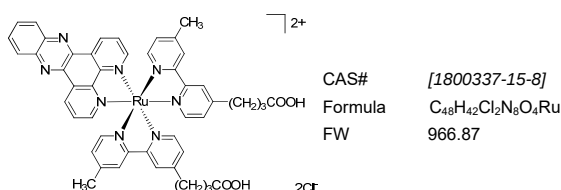
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) ruthenium(II) bishexafluorophosphate
CAT# RU402001001PF6


CAS#
Formula: C₃₅H₃₂O₂F₁₂N₆P₂Ru
FW: 959.67

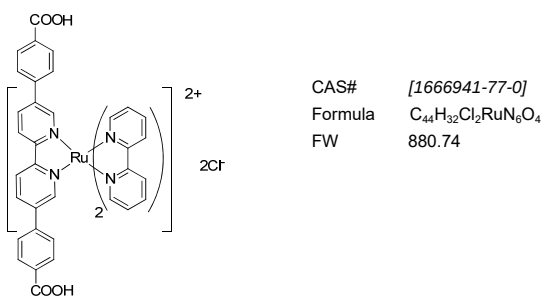
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) ruthenium(II) dichloride
Ru(bpy)₂(mcbpy)²⁺ CAT# RU402001001Cl



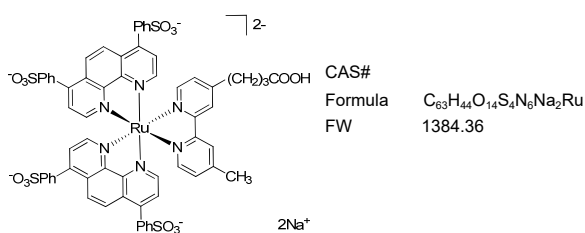
Bis(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)(dipyrido[3,2-a:2',3'-c]phenazine)ruthenium(II) dichloride
 CAT# RU402402460Cl



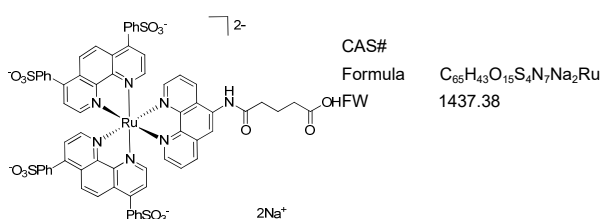
Bis(2,2'-bipyridyl)(5,5'-Di-p-benzoic acid-[2,2']bipyridinyl)ruthenium(II) dichloride
 CAT# RU430001001Cl



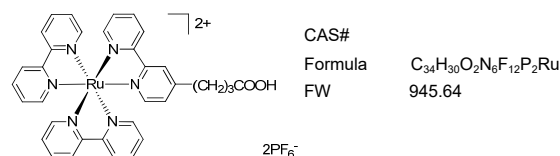
Bis(bathophenanthroline disulfonate)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) disodium salt
 CAT# RU402092092Na



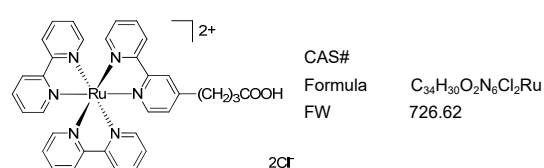
Bis(bathophenanthroline disulfonate)[5-(1,10-phenanthroline-5-yl amino)-5-oxopentanoic acid] ruthenium(II) disodium salt
 CAT# RU422092092Na



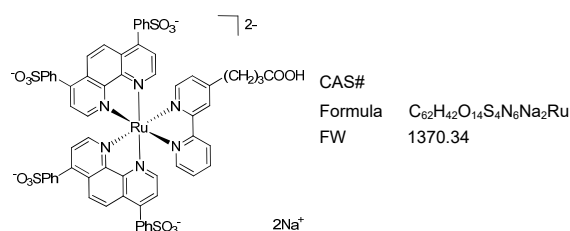
Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) hexafluorophosphate
 CAT# RU403001001PF6



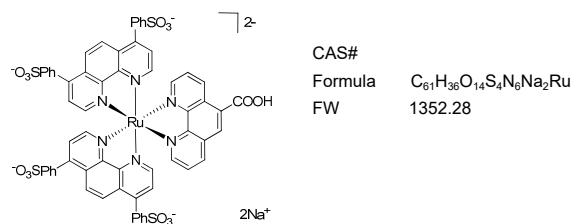
Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) dichloride
 CAT# RU403001001Cl



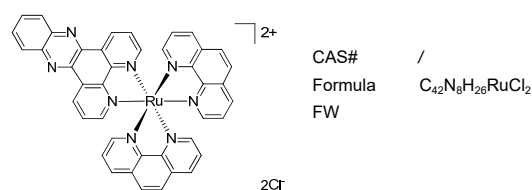
Bis(bathophenanthroline disulfonate)(4-carboxypropyl-2,2'-bipyridyl) ruthenium(II) disodium salt
 CAT# RU403092092Na

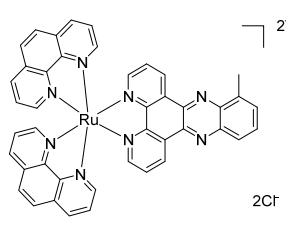
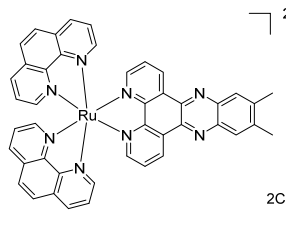
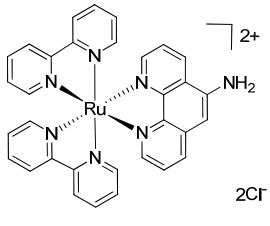
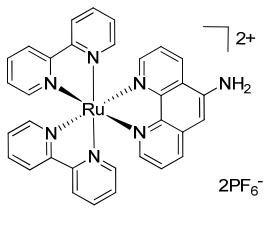
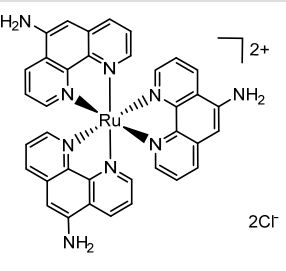


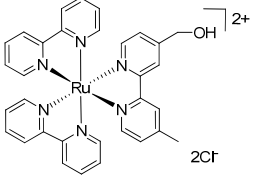
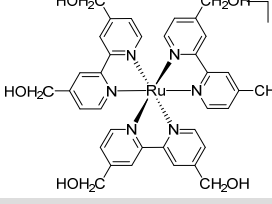
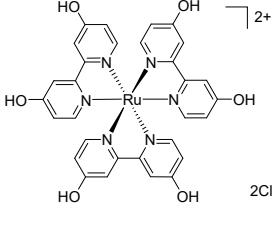
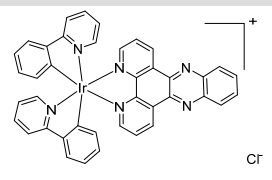
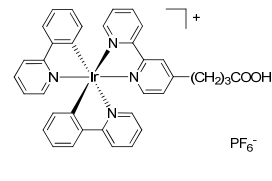
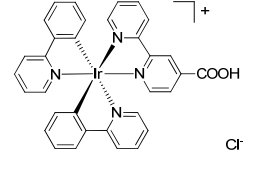
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 CAT# RU408092092Na

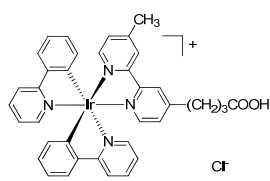
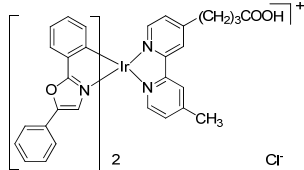
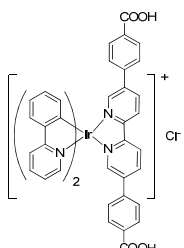
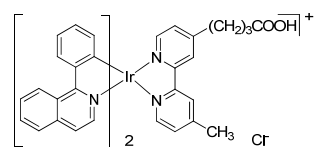
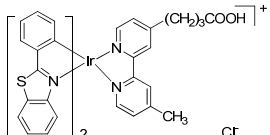
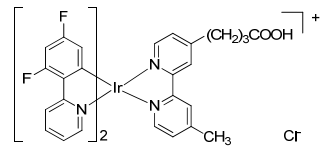
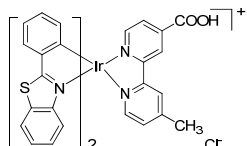
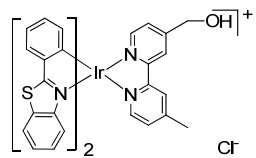
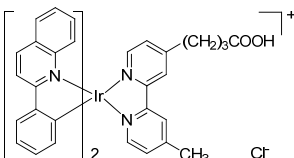
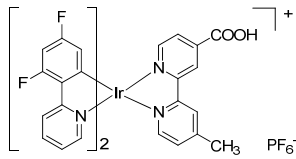
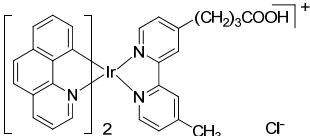
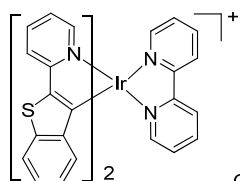


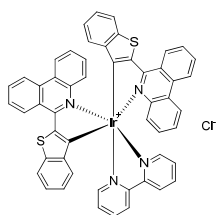
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Ru(phen)2dppz CAT# RU460068068Cl



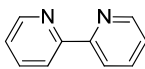
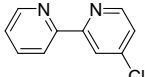
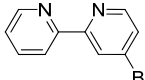
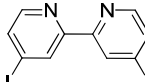
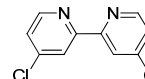
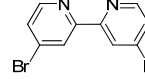
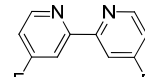
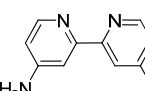
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	CAS# [2222554-01-8] Formula FW 2Cl ⁻
CAT# RU462068068Cl	
	CAS# [2222554-77-8] Formula FW 2Cl ⁻
Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) dichloride	
CAT# RU082001001Cl	
	CAS# Formula C ₃₂ H ₂₅ N ₇ Cl ₂ Ru FW 679.56 2Cl ⁻
Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) bishexafluorophosphate	
CAT# RU082001001PF6	
	CAS# Formula C ₃₂ H ₂₅ N ₇ P ₂ F ₁₂ Ru FW 898.58 2PF ₆ ⁻
Tris(5-amino-1,10-phenanthroline) ruthenium(II) dichloride	
CAT# RU082082082Cl	
	CAS# Formula C ₃₉ H ₃₅ Cl ₂ N ₉ Ru FW 801.73 2Cl ⁻

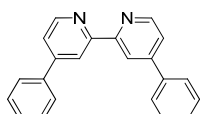
Bis(2,2'-bipyridyl)(4'-methyl-2,2'-bipyridin-4-yl)methanol ruthenium(II) dichloride	
CAT# RU520001001Cl	
	CAS# Formula C ₃₂ H ₂₈ N ₆ ORuCl ₂ FW 684.1 2Cl ⁻
Tri[(2,2'-bipyridine)-4,4'-diyl]dimethanol ruthenium(II) dichloride	
CAT# RU532532532Cl	
	CAS# Formula FW 2Cl ⁻
Tris[(2,2'-bipyridyl)-4,4'-diol]ruthenium(II) dichloride	
CAT# RU533533533Cl	
	CAS# [1404106-40-6] Formula C ₃₀ H ₂₄ ClN ₆ O ₆ Ir FW 701.08 2Cl ⁻
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 Cl ⁻
Bis(2-phenylpyridine-C^2,N)(4-carboxy propyl-2,2'-bipyridyl)iridium(III) hexafluorophosphate	
CAT# IR403601601PF6	
	CAS# Formula C ₃₆ H ₃₀ O ₂ F ₆ N ₄ PIr FW 887.85 PF ₆ ⁻
Bis(2-phenylpyridine-C^2,N)(4-carboxyl-2,2'-bipyridine)iridium(III) chloride	
CAT# IR401601601Cl	
	CAS# / Formula C ₃₃ H ₂₄ IrO ₂ N ₄ FW 700.00 Cl ⁻

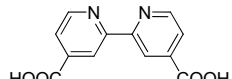
Bis(2-phenylpyridine-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402601601Cl	Bis(2,5-diphenyloxazole-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402624624Cl
 CAS# Formula C₃₇H₃₂O₂N₄ClIr FW 792.35 λ_{em} 583 nm (acetonitrile)	 CAS# Formula C₄₅H₃₆N₄O₄ClIr FW 924.46
Bis(2-phenylpyridine-<i>C</i>²,<i>N</i>)(5,5'-di-<i>p</i>-benzoic acid-[2,2']bipyridinyl)iridium(III) chloride CAT# IR430601601Cl	Bis(1-phenylisoquinoline)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402617617Cl
 CAS# Formula C₄₆H₃₂ClN₄O₄Ir FW 932.44	 CAS# Formula C₄₅H₃₆N₄O₂ClIr FW 892.46 λ_{em} 593 nm (methanol)
Bis(2-phenylbenzothiazole-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402625625Cl	Bis(4,6-difluoro-2-(2-pyridyl)phenyl-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402604604Cl
 CAS# Formula C₄₁H₃₂O₂N₄S₂ClIr FW 904.52	 CAS# / Formula C₃₇H₂₈N₄O₂F₄ClIr FW 864.31 λ_{em} 525 nm (acetonitrile)
Bis(2-phenylbenzothiazole-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxy-2,2'-bipyridyl)iridium(III) chloride CAT# IR406625625Cl	Bis(2-phenylquinoline-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402618618Cl
 CAS# Formula C₃₈H₂₆O₂N₄S₂ClIr FW 862.44 λ_{em} 529 nm (acetonitrile) 565 nm (acetonitrile)	 CAS# Formula C₃₈H₂₈N₄S₂OClIr FW 848.10
Bis(2-phenylquinoline-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402618618Cl	Bis(4,6-difluoro-2-(2-pyridyl)phenyl-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxy-2,2'-bipyridyl)iridium(III) chloride CAT# IR406604604PF6
 CAS# Formula C₄₅H₃₆O₂N₄ClIr FW 892.48	 CAS# Formula C₃₄H₂₂F₁₀IrN₄O₂P FW 931.74
Bis(2-benzo[h]quinoline-<i>C</i>²,<i>N</i>)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride CAT# IR402621621Cl	Bis(2-(benzo[b]thiophen-2-yl)pyridyl-<i>C</i>²,<i>N</i>')(2,2'-bipyridyl)iridium(III) chloride CAT# IR629629001Cl
 CAS# Formula C₄₁H₃₂N₄O₂ClIr FW 840.39	 CAS# [1250262-19-1] Formula C₃₆H₂₄ClIrN₄S₂ FW 804.40

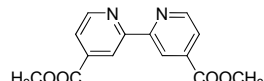
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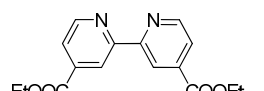
CAS#	/
Formula	$C_{52}H_{32}ClIrN_4S_2$
FW	1004.64

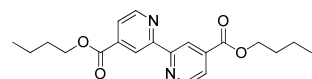
N^N Diimine Ligands			
2,2'-Bipyridine			
CAT# BIPY001			
	CAS#	[366-18-7]	
	Formula	C ₁₀ H ₈ N ₂	
	FW	156.18	
4-Chloro-2,2'-bipyridine			
CAT# BIPY002			
	CAS#	[14162-94-8]	
	Formula	C ₁₀ H ₇ ClN ₂	
	FW	190.63	
4-Bromo-2,2'-bipyridine			
CAT# BIPY003			
	CAS#	[14162-95-9]	
	Formula	C ₁₀ H ₇ BrN ₂	
	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#	[1189458-67-0]	
	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	

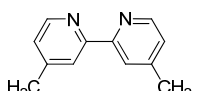
4,4'-Diphenyl-2,2'-bipyridine		
CAT# BIPY026		
	CAS#	[6153-92-0]
	Formula	C ₂₂ H ₁₆ N ₂
	FW	308.38

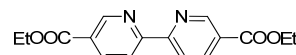
4,4'-Dicarboxy-2,2'-bipyridine		
CAT# BIPY029		
	CAS#	[6813-38-3]
	Formula	C ₁₂ H ₆ N ₂ O ₄
	FW	244.21

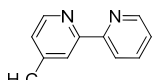
4,4'-Bis(methoxycarbonyl)-2,2'-bipyridine		
CAT# BIPY034		
	CAS#	[71071-46-0]
	Formula	C ₁₄ H ₁₂ N ₂ O ₄
	FW	272.26

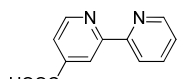
4,4'-Bis(ethoxycarbonyl)-2,2'-bipyridine		
CAT# BIPY037		
	CAS#	[1762-42-1]
	Formula	C ₁₆ H ₁₆ N ₂ O ₄
	FW	300.31

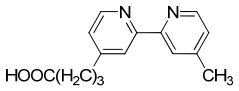
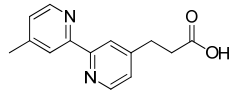
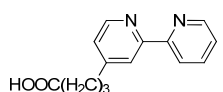
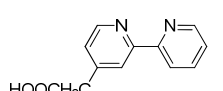
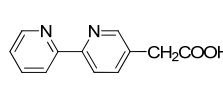
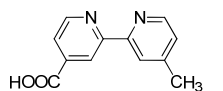
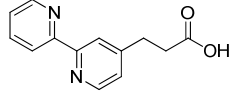
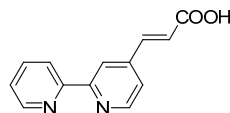
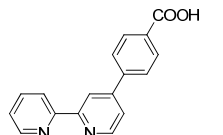
Dibutyl [2,2'-bipyridine]-4,4'-dicarboxylate		
CAT# BIPY039		
	CAS#	[69641-93-6]
	Formula	C ₂₀ H ₂₄ N ₂ O ₄
	FW	356.42

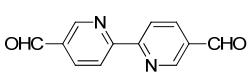
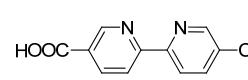
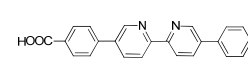
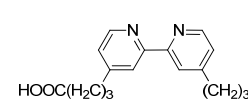
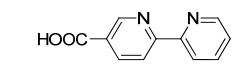
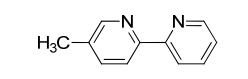
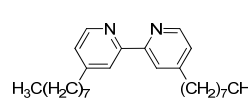
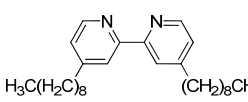
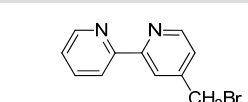
4,4'-Dimethyl-2,2'-bipyridine		
CAT# BIPY050		
	CAS#	[1134-35-6]
	Formula	C ₁₂ H ₁₂ N ₂
	FW	184.24

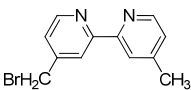
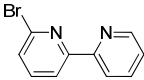
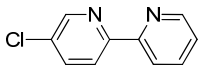
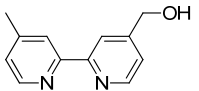
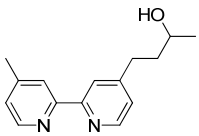
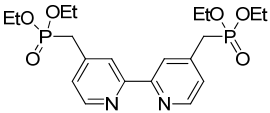
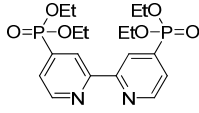
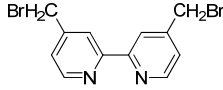
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CAT# BIPY051		
	CAS#	[1762-46-5]
	Formula	C ₁₆ H ₁₆ N ₂ O ₄
	FW	300.31

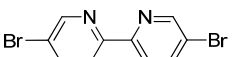
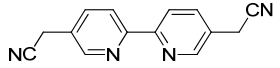
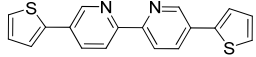
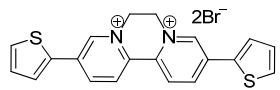
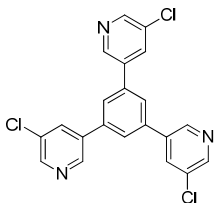
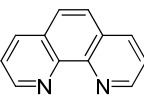
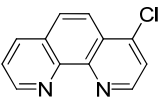
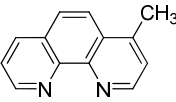
4-Methyl-2,2'-bipyridine		
CAT# BIPY400		
	CAS#	[56100-19-7]
	Formula	C ₁₁ H ₁₀ N ₂
	FW	170.21

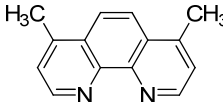
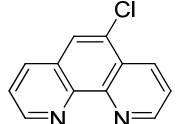
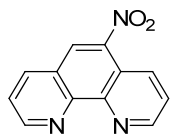
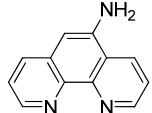
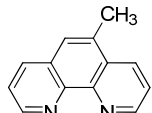
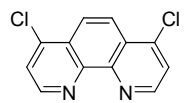
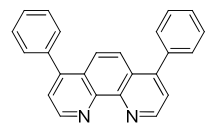
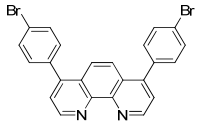
4-Carboxy-2,2'-bipyridine		
CAT# BIPY401		
	CAS#	[1748-89-6]
	Formula	C ₁₁ H ₆ N ₂ O ₂
	FW	200.19

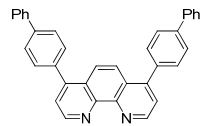
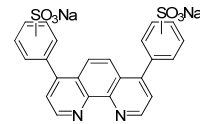
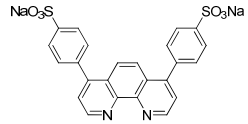
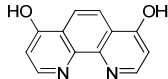
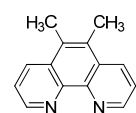
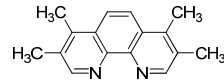
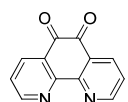
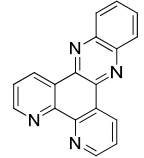
4-Methyl-4'-(3-carboxypropyl)-2,2'-bipyridine	
CAT# BIPY402	
	CAS# [114527-28-5] Formula $C_{15}H_{16}N_2O_2$ FW 256.30
3-(4'-Methyl-[2,2'-bipyridin]-4-yl)propanoic acid	
CAT# BIPY412	
	CAS# Formula $C_{14}H_{14}N_2O_2$ FW 242.27
4-(3-Carboxypropyl)-2,2'-bipyridine	
CAT# BIPY403	
	CAS# [1642786-47-7] Formula $C_{14}H_{14}N_2O_2$ FW 242.27
2,2'-Bipyridine-4-acetic acid	
CAT# BIPY404	
	CAS# [1705703-20-3] Formula $C_{12}H_{10}N_2O_2$ FW 214.22
2,2'-Bipyridine-5-acetic acid	
CAT# BIPY405	
	CAS# [917874-25-0] Formula $C_{12}H_{10}N_2O_2$ FW 214.22
4-Methyl-4'-carboxy-2,2'-bipyridine	
CAT# BIPY406	
	CAS# [103946-54-9] Formula $C_{12}H_{10}N_2O_2$ FW 214.22
3-([2,2'-Bipyridin]-4-yl)propanoic acid	
CAT# BIPY413	
	CAS# [2100296-24-8] Formula $C_{13}H_{12}N_2O_2$ FW 228.25
(E)-3-([2,2'-Bipyridin]-4-yl)acrylic acid	
CAT# BIPY415	
	CAS# Formula $C_{13}H_{10}N_2O_2$ FW 226.23
4-([2,2'-Bipyridin]-4-yl)benzoic acid	
CAT# BIPY420	
	CAS# Formula $C_{17}H_{12}N_2O_2$ FW 276.29

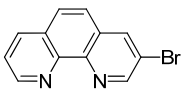
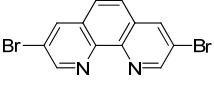
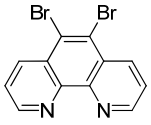
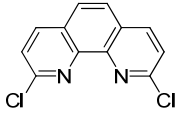
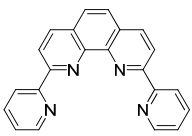
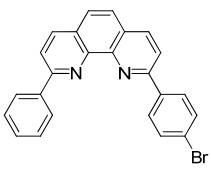
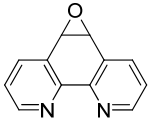
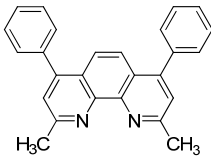
[2,2'-Bipyridine]-5,5'-dicarbaldehyde	
CAT# BIPY428	
	CAS# [135822-72-9] Formula $C_{12}H_8N_2O_2$ FW 212.20
2,2'-Bipyridine-5,5'-dicarboxylic acid	
CAT# BIPY429	
	CAS# [1802-30-8] Formula $C_{12}H_8N_2O_4$ FW 244.20
4,4'-([2,2'-Bipyridine]-5,5'-diyl)dibenzoic acid	
CAT# BIPY430	
	CAS# [1373759-05-7] Formula $C_{24}H_{16}N_2O_4$ FW 396.39
2,2'-Bipyridine-4,4'-dibutanoic acid	
CAT# BIPY442	
	CAS# [447450-80-8] Formula $C_{18}H_{20}N_2O_4$ FW 328.36
5-Carboxy-2,2'-bipyridine	
CAT# BIPY443	
	CAS# [1970-80-5] Formula $C_{11}H_8N_2O_2$ FW 200.19
5-Methyl-2,2'-bipyridine	
CAT# BIPY444	
	CAS# [56100-20-0] Formula $C_{11}H_{10}N_2$ FW 170.21
4,4'-Dioctyl-2,2'-bipyridine	
CAT# BIPY515	
	CAS# [71879-24-8] Formula $C_{26}H_{40}N_2$ FW 380.61
4,4'-Dinonyl-2,2'-bipyridine	
CAT# BIPY516	
	CAS# [142646-58-0] Formula $C_{28}H_{44}N_2$ FW 408.66
4-(Bromomethyl)-2,2'-bipyridine	
CAT# BIPY513	
	CAS# Formula $C_{11}H_9BrN_2$ FW 249.11

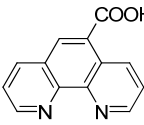
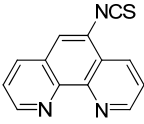
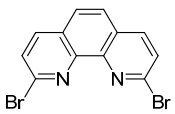
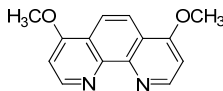
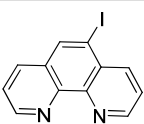
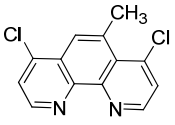
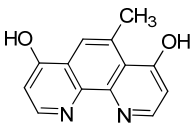
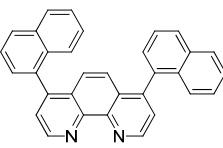
4-Bromomethyl-4'-methyl-2,2'-bipyridin	
CAT# BIPY517	
	CAS# [81998-05-2] Formula $C_{12}H_{11}BrN_2$ FW 263.13
6-Bromo-2,2'-bipyridine	
CAT# BIPY518	
	CAS# [10495-73-5] Formula $C_{10}H_7BrN_2$ FW 235.08
5-Chloro-2,2'-bipyridine	
CAT# BIPY519	
	CAS# [162612-08-0] Formula $C_{10}H_7ClN_2$ FW 190.63
(4'-Methyl-2,2'-bipyridin-4-yl)methanol	
CAT# BIPY520	
	CAS# [81998-04-1] Formula $C_{12}H_{12}N_2O$ FW 200.24
4-(4'-Methyl-2,2'-bipyridin-4-yl)butan-2-ol	
CAT# BIPY521	
	CAS# [870078-13-0] Formula $C_{15}H_{18}N_2O$ FW 242.32
Tetraethyl [2,2'-bipyridine]-4,4'-diylbis(methylene)diphosphonate	
CAT# BIPY525	
	CAS# [176220-38-5] Formula $C_{20}H_{30}N_2O_6P_2$ FW 456.41
Tetraethyl [2,2'-bipyridine]-4,4'-diylidiphosphonate	
CAT# BIPY526	
	CAS# [174397-53-6] Formula $C_{18}H_{26}N_2O_6P_2$ FW 428.36
4,4'-Bis(bromomethyl)-2,2'-bipyridine	
CAT# BIPY527	
	CAS# [134457-14-0] Formula $C_{12}H_{10}Br_2N_2$ FW 342.03

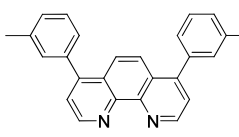
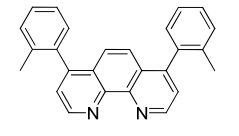
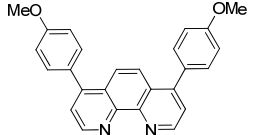
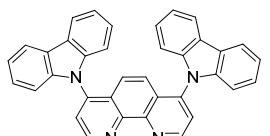
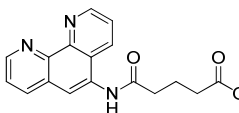
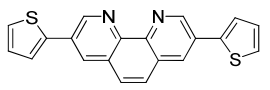
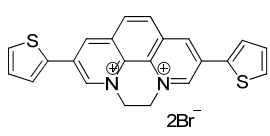
5,5'-Dibromo-2,2'-bipyridine	
CAT# BIPY528	
	CAS# [15862-18-7] Formula $C_{10}H_6Br_2N_2$ FW 313.98
2,2'-([2,2'-Bipyridine]-5,5'-diyl)diacetonitrile	
CAT# BIPY531	
	CAS# [286380-59-4] Formula $C_{14}H_{10}N_4$ FW 234.26
5,5'-(Dithiophen-2-yl)-2,2'-bipyridine	
CAT# BIPY529	
	CAS# [182631-76-1] Formula $C_{18}H_{12}N_2S_2$ 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 $C_{20}H_{16}N_2S_2Br_2$ FW 508.29
1,3,5-Tris(5-chloropyridin-3-yl)benzene	
CAT# BIPY605	
	CAS# [2095298-29-4] Formula $C_{21}H_{12}Cl_3N_3$ FW 412.70
1,10-Phenanthroline	
CAT# PHEN068	
	CAS# [66-71-7] Formula $C_{12}H_8N_2$ FW 180.21
4-Chloro-1,10-phenanthroline	
CAT# PHEN072	
	CAS# [1891-14-1] Formula $C_{12}H_7ClN_2$ FW 214.65
4-Methyl-1,10-phenanthroline	
CAT# PHEN073	
	CAS# [31301-28-7] Formula $C_{13}H_{10}N_2$ FW 194.23

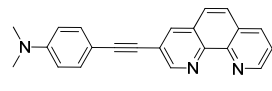
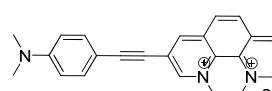
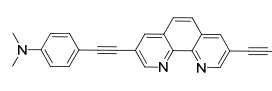
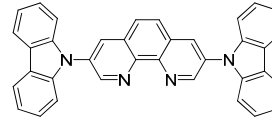
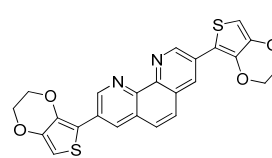
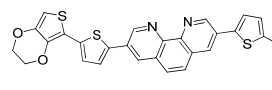
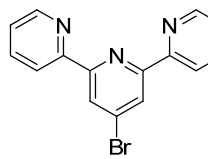
4,7-Dimethyl-1,10-phenanthroline			CAT# PHEN074
	CAS#	[3248-05-3]	
	Formula	C ₁₄ H ₁₂ N ₂	
	FW	208.26	
5-Chloro-1,10-phenanthroline			CAT# PHEN079
	CAS#	[4199-89-7]	
	Formula	C ₁₂ H ₇ ClN ₂	
	FW	214.65	
5-Nitro-1,10-phenanthroline			CAT# PHEN081
	CAS#	[4199-88-6]	
	Formula	C ₁₂ H ₇ N ₃ O ₂	
	FW	225.20	
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	

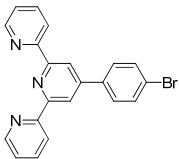
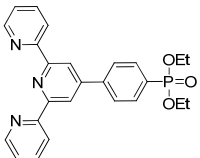
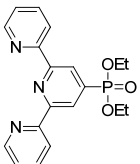
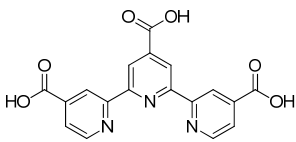
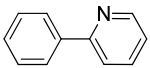
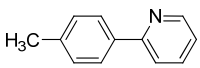
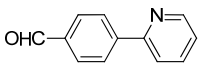
4,7-Bis(biphenyl)-1,10-phenanthroline			CAT# PHEN091
	CAS#	[96710-07-5]	
	Formula	C ₃₆ H ₂₄ N ₂	
	FW	484.59	
Bathophenanthroline disulphonic acid disodium			CAT# PHEN092
	CAS#	[53744-42-6]	
	Formula	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂	
	FW	590.53	
* isomeric mixture, see <i>Mag. Res. Chem.</i> , 49(2011)816-823.			
Sodium 4,4'-(1,10-phenanthroline-4,7-diyl)dibenzenesulfonate			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	

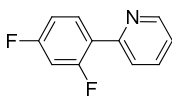
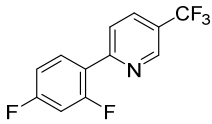
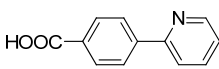
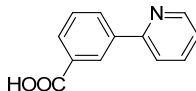
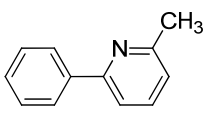
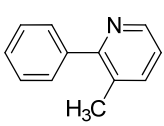
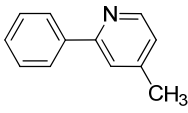
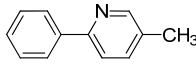
3-Bromo-1,10-phenanthroline		CAT# PHEN401	
	CAS# [66127-01-3] Formula $C_{12}H_7BrN_2$ FW 259.10		
3,8-Dibromo-1,10-phenanthroline		CAT# PHEN402	
	CAS# [100125-12-0] Formula $C_{12}H_6Br_2N_2$ FW 338.00		
5,6-Dibromo-1,10-phenanthroline		CAT# PHEN403	
	CAS# [56290-06-3] Formula $C_{12}H_6Br_2N_2$ FW 338.00		
2,9-Dichloro-1,10-phenanthroline		CAT# PHEN404	
	CAS# [29176-55-4] Formula $C_{12}H_6Cl_2N_2$ 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 $C_{12}H_8N_2O$ 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)		

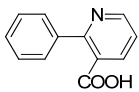
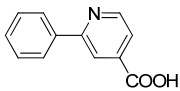
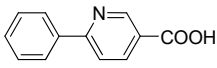
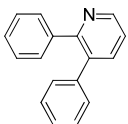
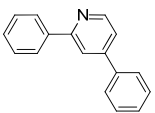
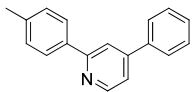
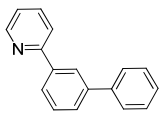
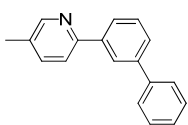
1,10-Phenanthroline-5-carboxylic acid		CAT# PHEN408	
	CAS# [630067-06-0] Formula $C_{13}H_8N_2O_2$ FW 224.21		
5-Isothiocyanato-1,10-phenanthroline		CAT# PHEN410	
	CAS# [75618-99-4] Formula $C_{13}H_7N_3S$ FW 237.28		
2,9-Dibromo-1,10-phenanthroline		CAT# PHEN412	
	CAS# [39069-02-8] Formula $C_{12}H_6Br_2N_2$ FW 338.00		
4,7-Dimethoxy-1,10-phenanthroline		CAT# PHEN413	
	CAS# [92149-07-0] Formula $C_{14}H_{12}N_2O_2$ FW 240.26		
5-Iodo-1,10-phenanthroline		CAT# PHEN414	
	CAS# [630067-12-8] Formula $C_{12}H_7IN_2$ FW 306.10		
4,7-Dichloro-5-methyl-1,10-phenanthroline		CAT# PHEN415	
	CAS# [503864-02-6] Formula $C_{13}H_8Cl_2N_2$ FW 262.12		
4,7-Dihydroxyl- 5-methyl-1,10-phenanthroline		CAT# PHEN416	
	CAS# [C13H10N2O2] Formula $C_{13}H_{10}N_2O_2$ FW 226.23		
4,7-Di(naphthalen-1-yl)-1,10-phenanthroline		CAT# PHEN417	
	CAS# [1215007-80-9] Formula $C_{32}H_{20}N_2$ FW 432.51		

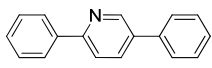
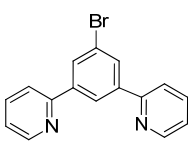
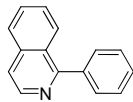
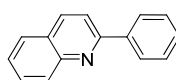
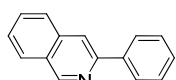
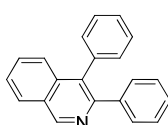
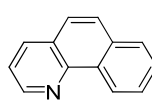
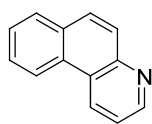
4,7-Dim-tolyl-1,10-phenanthroline	
CAT# PHEN418	
	CAS# [1215007-80-9] Formula $C_{26}H_{20}N_2$ FW 360.45
4,7-Dio-tolyl-1,10-phenanthroline	
CAT# PHEN419	
	CAS# Formula $C_{26}H_{20}N_2$ FW 360.45
4,7-Bis(4-methoxyphenyl)-1,10-phenanthroline	
CAT# PHEN420	
	CAS# [95950-20-2] Formula $C_{26}H_{20}N_2O_2$ FW 392.45
4,7-Di(9H-carbazol-9-yl)-1,10-phenanthroline	
CAT# PHEN421	
	CAS# [676542-82-8] Formula $C_{36}H_{22}N_4$ FW 510.59
5-(1,10-Phenanthroline-5-ylamino)-5-oxopentanoic acid	
CAT# PHEN422	
	CAS# [163628-20-4] Formula $C_{17}H_{15}N_3O_3$ FW 309.32
3,8-(Dithiophen-2-yl)-1,10-phenanthroline	
CAT# PHEN423	
	CAS# [753491-32-6] Formula $C_{20}H_{12}N_2S_2$ FW 344.45
2,9-Di(thiophen-2-yl)-5,6-dihydropyrazino[1,2,3,4-<i>lmn</i>][1,10]phenanthroline-4,7-diiumbromide	
CAT# PHEN424	
	CAS# Formula $C_{22}H_{16}Br_2N_2S_2$ FW 532.31

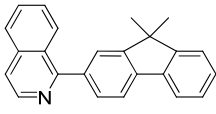
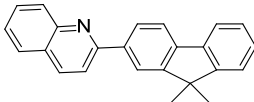
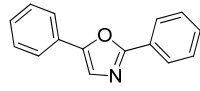
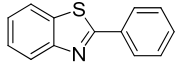
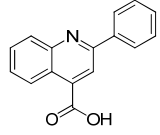
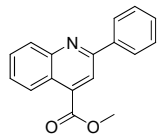
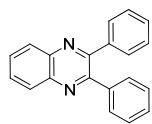
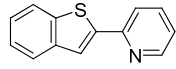
4,-((1,10-Phenanthrolin-3-yl)ethynyl)-<i>N,N'</i>-dimethylaniline	
CAT# PHEN425	
	CAS# Formula $C_{22}H_{17}N_3$ FW 323.39
2-((4-(Dimethylamino)phenyl)ethynyl)-5,6-dihydropyrazino[1,2,3,4-<i>lmn</i>][1,10]phenanthroline-4,7-diiumbromide	
CAT# PHEN426	
	CAS# Formula $C_{24}H_{21}N_3Br_2$ FW 511.25
4,4'-(1,10-Phenanthroline-3,8-diyl)bis(ethyne-2,1-diyl)bis(<i>N,N</i>-dimethylaniline)	
CAT# PHEN427	
	CAS# [250635-23-5] Formula $C_{32}H_{28}N_4$ FW 466.58
3,8-Di(9H-carbazol-9-yl)-1,10-phenanthroline	
CAT# PHEN428	
	CAS# [796847-41-1] Formula $C_{36}H_{22}N_4$ FW 510.59
3,8-Bis(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)-1,10-phenanthroline	
CAT# PHEN430	
	CAS# [1001330-07-9] Formula $C_{24}H_{16}N_2O_4S_2$ FW 460.52
3,8-Bis(5-(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)thiophen-2-yl)-1,10-phenanthroline	
CAT# PHEN450	
	CAS# Formula $C_{32}H_{20}N_2O_4S_4$ FW 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

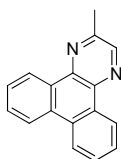
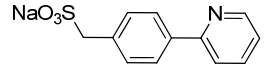
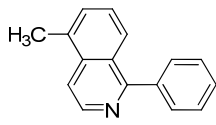
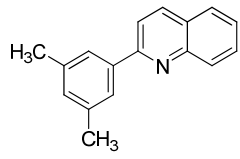
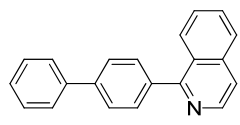
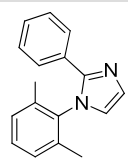
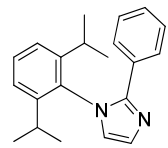
4'-(4-Bromophenyl)-2,2':6',2''-terpyridine	
CAT# TEPY004	
	CAS# [89972-76-9] Formula C ₂₁ H ₁₄ BrN ₃ FW 388.26
Diethyl-4-(4-phenylphosphonte)-2,2':6',2''-terpyridine	
CAT# TEPY005	
	CAS# [194800-58-3] Formula C ₂₅ H ₂₄ N ₃ O ₃ P FW 445.45
Diethyl-4-phosphonte-2,2':6',2''-terpyridine	
CAT# TEPY006	
	CAS# [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

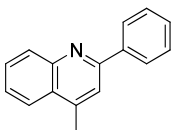
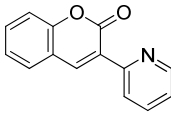
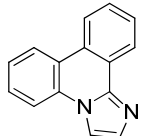
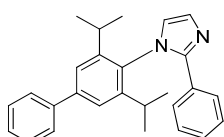
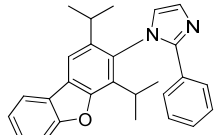
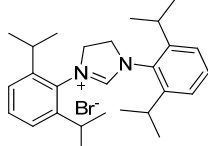
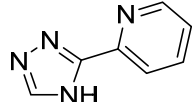
2-(2,4-Difluorophenyl)pyridine	
CAT# CN604	
	CAS# [391604-55-0] Formula C ₁₁ H ₇ NF ₂ FW 191.18
2-(2,4-Difluorophenyl)-5-(trifluoromethyl)pyridine	
CAT# CN648	
	CAS# [387827-64-7] Formula C ₁₂ H ₆ F ₅ N FW 259.17
4-Pyridin-2-yl-benzoic acid	
CAT# CN605	
	CAS# [4385-62-0] Formula C ₁₂ H ₉ NO ₂ FW 199.21
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

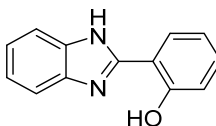
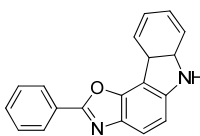
2-Phenylnicotinic acid			CAT# CN611
	CAS#	[33421-39-5]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
2-Phenylpyridine-4-carboxylic acid			CAT# CN612
	CAS#	[55240-51-2]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
6-Phenylpyridine-3-carboxylic acid			CAT# CN613
	CAS#	[29051-44-3]	
	Formula	C ₁₂ H ₉ NO ₂	
	FW	199.21	
2,3-Diphenylpyridine			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 $C_{13}H_9NS$ 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 $C_{13}H_9NS$ FW 211.28

2-Methyldibenzo[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# Formula $C_{12}H_{10}NO_3SNa$ 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

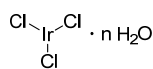
4-Methyl-2-phenylquinoline	
CAT# CN637	
	CAS# [4789-76-8] Formula C ₁₆ H ₁₃ N FW 219.28
3-(Pyridin-2-yl)-2H-chromen-2-one	
CAT# CN638	
	CAS# [837-97-8] Formula C ₁₄ H ₉ NO ₂ FW 223.23
Imidazo[1,2-f]phenanthridine	
CAT# CN640	
	CAS# [37694-95-4] Formula C ₁₅ H ₁₀ N ₂ FW 218.25
1-(3,5-Diisopropylbiphenyl-4-yl)-2-phenyl-1H-imidazole	
CAT# CN642	
	CAS# [1272455-54-5] Formula C ₂₇ H ₂₆ N ₂ FW 380.52
1-(2,4-Diisopropylbenzo[b,d]furan-3-yl)-2-phenyl-1H-imidazole	
CAT# CN645	
	CAS# Formula C ₂₇ H ₂₆ N ₂ O FW 394.51
1,3-Bis(2,6-diisopropylphenyl)-4,5-dihydro-1H-imidazol-3-ium bromide	
CAT# CN647	
	CAS# [1034137-22-8] Formula C ₂₇ H ₃₈ BrN ₂ FW 471.52
2-(4H-1,2,4-triazol-3-yl)pyridine	
CAT# CN649	
	CAS# [23195-62-2] Formula C ₇ H ₆ N ₄ FW 146.15

2-(1H-benzo[d]imidazol-2-yl)phenol	
CAT# CN651	
	CAS# [2963-66-8] Formula C ₁₃ H ₁₀ N ₂ O FW 210.24
2-Phenyl-6a,10a-dihydro-6H-oxazolo[4,5-c]carbazole	
CAT# CN650	
	CAS# Formula C ₁₉ H ₁₄ N ₂ O FW 286.33

Other chemicals

Iridium(III) Chloride hydrate

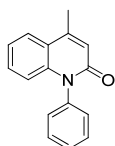
CAT# IR101



CAS# [14996-61-3]
Formula IrCl₃·H₂O
FW 316.59

4-Methyl-1-phenyl-2(1H)-quinolone

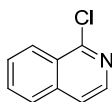
CAT# OC1001



CAS# [2540-30-9]
Formula C₁₆H₁₃NO
FW 235.28

1-Chloroisoquinoline

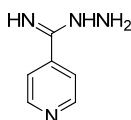
CAT# OC1002



CAS# [19493-44-8]
Formula C₉H₆ClN
FW 163.60

Isonicotinimidohydrazide

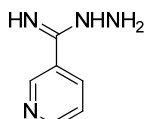
CAT# OC1011



CAS#
Formula C₆H₈N₄
FW 136.15

Nicotinimidohydrazide

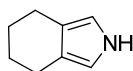
CAT# OC1012



CAS#
Formula C₆H₈N₄
FW 136.15

4,5,6,7-Tetrahydro-2H-isoindole

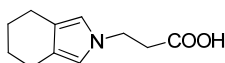
CAT# OC1003



CAS# [51649-35-5]
Formula C₈H₁₁N
FW 121.18

3-(4,5,6,7-Tetrahydro-2H-isoindol-2-yl)propanoic acid

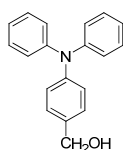
CAT# OC1004



CAS#
Formula C₁₁H₁₅NO₂
FW 193.24

(4-(Diphenylamino)phenyl)methanol

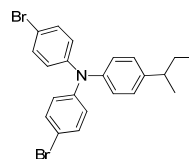
CAT# OC1005



CAS# [25069-40-3]
Formula C₁₉H₁₇NO
FW 275.34

4-Bromo-N-(4-bromophenyl)-N-(4-(sec-butyl)phenyl)aniline

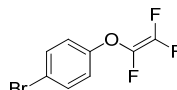
CAT# OC1052



CAS# [287976-94-7]
Formula C₂₂H₂₁Br₂N
FW 459.22

1-Bromo-4-(1,2,2-trifluorovinyloxy)benzene

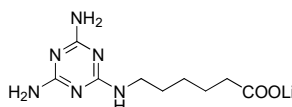
CAT# OC1006



CAS# [184910-53-0]
Formula C₈H₄BrF₃O
FW 253.02

lithium 6-(4,6-diamino-1,3,5-triazin-2-ylamino)hexanoate

CAT# OC1007

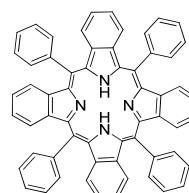


CAS#
Formula C₉H₁₅LiN₅O₂
FW 246.20

Tetraphenyltetrabenzoporphyrin

TPBP

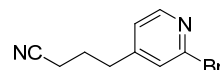
CAT# OC1008



CAS# [80528-89-8]
Formula C₈₀H₃₈N₄
FW 814.97

4-(2-Bromopyridin-4-yl)butanenitrile

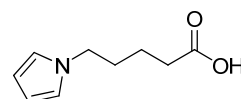
CAT# OC1009



CAS#
Formula C₉H₉BrN₂
FW 225.09

5-(1H-pyrrol-1-yl)pentanoic acid

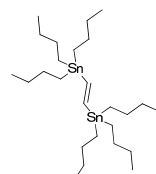
CAT# OC1010



CAS# [145511-35-9]
Formula C₉H₁₃NO₂
FW 167.21

(E)-1,2-bis(tributylstannyl)ethene

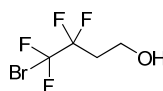
CAT# OC1013



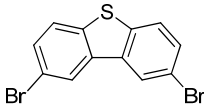
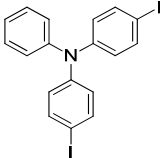
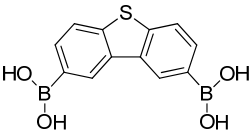
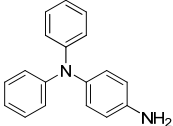
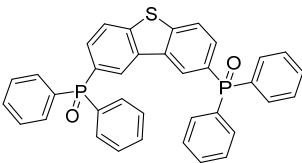
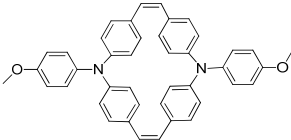
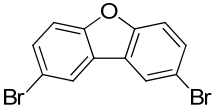
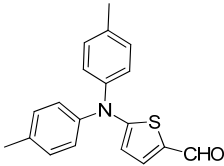
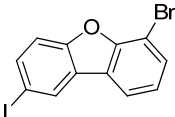
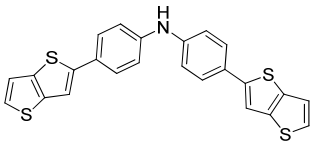
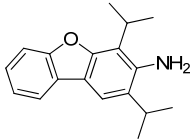
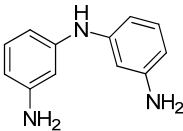
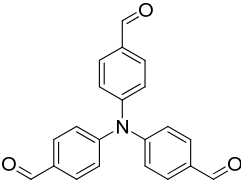
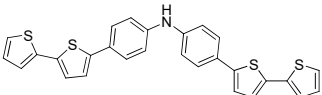
CAS# [14275-61-7]
Formula C₂₆H₅₆Sn₂
FW 606.14

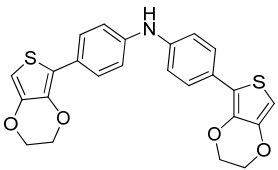
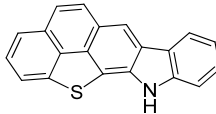
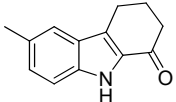
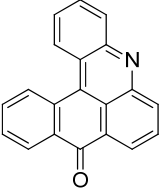
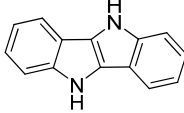
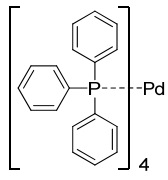
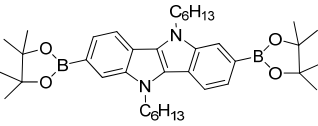
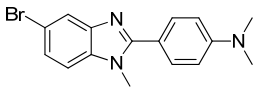
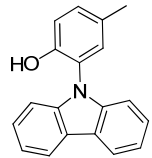
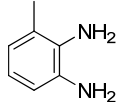
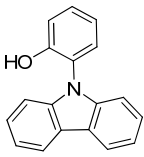
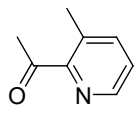
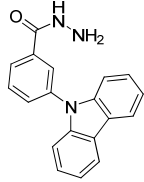
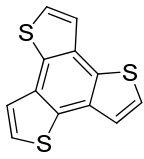
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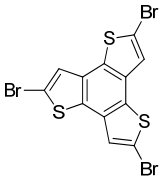
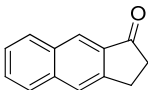
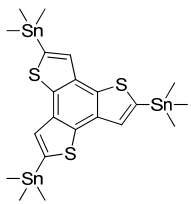
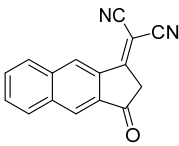
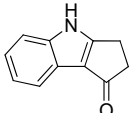
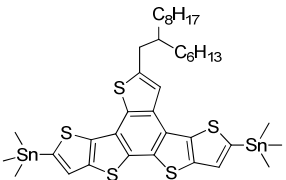
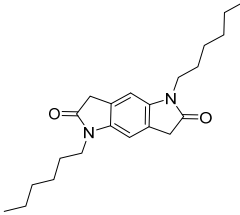
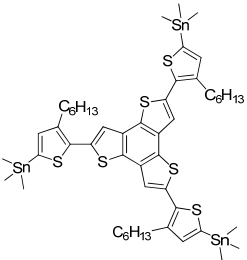
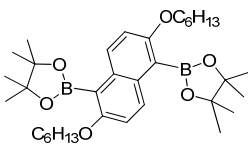
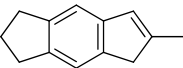
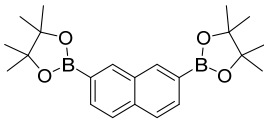
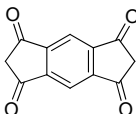
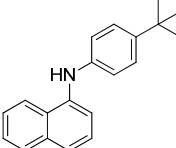
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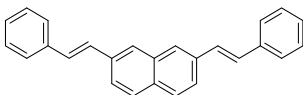
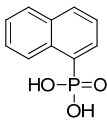
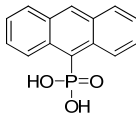
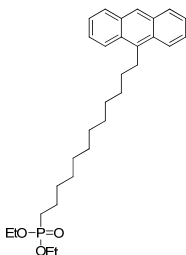
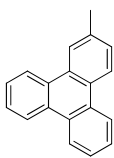
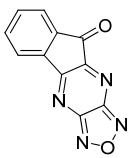
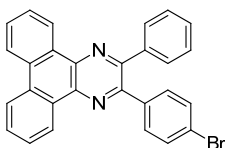


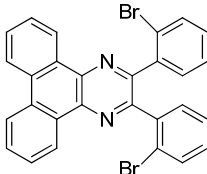
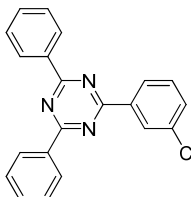
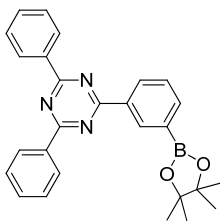
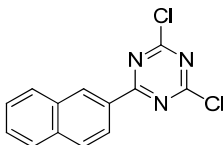
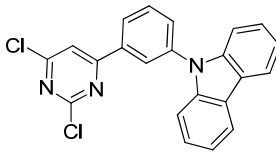
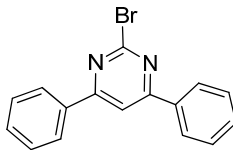
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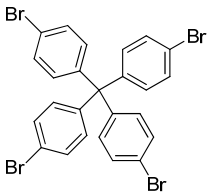
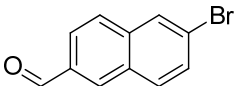
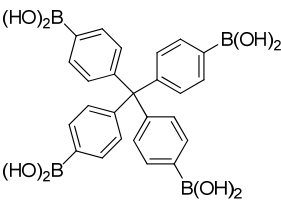
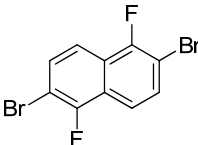
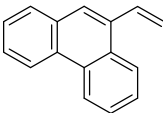
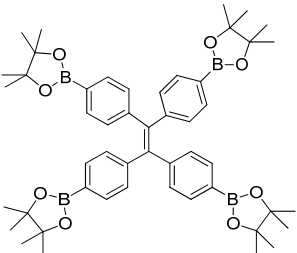
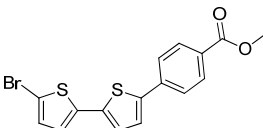
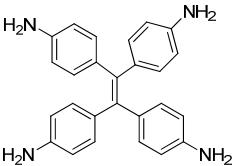
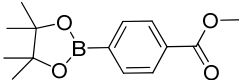
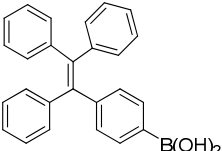
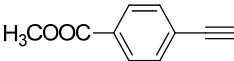
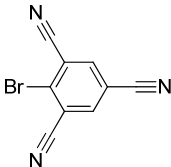
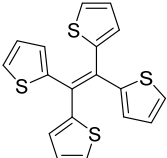
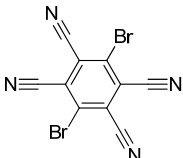
2,8-Dibromodibenzo[<i>b,d</i>]thiophene CAT# OC1026  CAS# [31574-87-5] Formula $C_{12}H_6Br_2S$ FW 342.05	4-Iodo-<i>N</i>-(4-iodophenyl)-<i>N</i>-phenylaniline CAT# OC1041  CAS# [218909-60-5] Formula $C_{18}H_{13}I_2N$ FW 497.11
Dibenzo[<i>b,d</i>]thiophene-2,8-diylidiboronic acid CAT# OC1038  CAS# [761405-37-2] Formula $C_{12}H_{10}B_2O_4S$ FW 271.89	<i>N,N</i>-Diphenyl-<i>p</i>-phenylenediamine CAT# OC1045  CAS# [2350-01-8] Formula $C_{18}H_{16}N_2$ FW 260.33
Dibenzo[<i>b,d</i>]thiophene-2,8-diylbis(diphenylphosphine oxide) CAT# OC1039  CAS# [1019842-99-9] Formula $C_{36}H_{26}O_2P_2S$ FW 584.60	<i>N,N</i>-diphenyl-4-methoxyaniline dimmer CAT# OC1046  CAS# / Formula $C_{42}H_{34}N_2O_2$ FW 598.73
2,8-Dibromodibenzo[<i>b,d</i>]furan CAT# OC1027  CAS# Formula $C_{12}H_6Br_2O$ FW 325.98	5-(Di-<i>p</i>-tolylamino)thiophene-2-carbaldehyde CAT# OC1047  CAS# [98660-86-7] Formula $C_{19}H_{17}NOS$ FW 307.41
6-Bromo-2-iododibenzo[<i>b,d</i>]furan CAT# OC1029  CAS# [916435-45-5] Formula $C_{12}H_6BrIO$ FW 372.98	Bis(4-(thieno[3,2-<i>b</i>]thiophen-2-yl)phenyl)amine CAT# OC1048  CAS# Formula $C_{24}H_{15}NS_4$ FW 445.64
2,4-Diisopropyldibenzo[<i>b,d</i>]furan-3-amine CAT# OC1035  CAS# [1332881-95-4] Formula $C_{18}H_{21}NO$ FW 267.37	<i>N</i>1-(3-aminophenyl)benzene-1,3-diamine CAT# OC1043  CAS# [219853-08-4] Formula $C_{12}H_{13}N_3$ FW 199.25
4,4',4''-Nitrilotribenzaldehyde CAT# OC1040  CAS# [119001-43-3] Formula $C_{21}H_{15}NO_3$ FW 329.35	Bis(4-([2,2'-bithiophen]-5-yl)phenyl)amine CAT# OC1044  CAS# Formula $C_{28}H_{18}NS_4$ FW 497.72

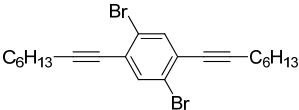
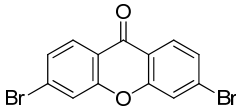
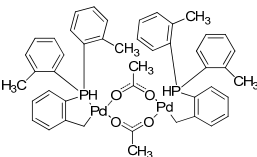
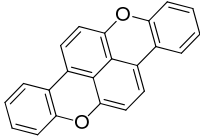
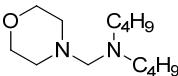
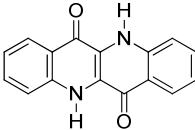
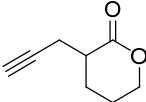
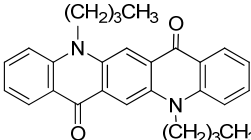
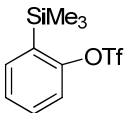
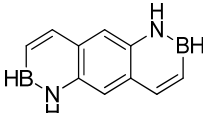
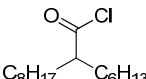
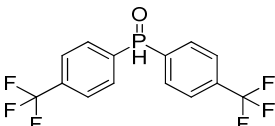
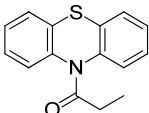
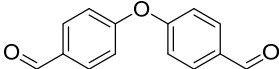
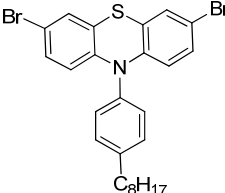
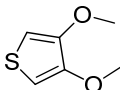
Bis(4-(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)phenyl)amine CAT# OC1042	11H-thieno[2',3',4',5':4,5]phenanthro[3,2-b]indole CAT# OC1057
 CAS# Formula FW $C_{24}H_{19}NO_4S_2$ 449.54	 CAS# Formula FW / $C_{20}H_{11}NS$ 297.37
6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-one CAT# OC1050	9H-naphtho[3,2,1-k]acridin-9-one CAT# OC1082
 CAS# Formula FW $C_{13}H_{13}NO$ 199.25	 CAS# Formula FW $C_{20}H_{11}NO$ 281.31
5,10-Dihydroindolo[3,2-b]indole CAT# OC1053	Tetrakis(triphenylphosphine)palladium(0) CAT# OC1100
 CAS# Formula FW [3682-85-7] $C_{14}H_{10}N_2$ 206.24	 CAS# Formula FW [14221-01-3] $C_{72}H_{60}P_4Pd$ 1155.59
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
 CAS# Formula FW [2057469-39-1] $C_{38}H_{56}B_2N_2O_4$ 626.48	 CAS# Formula FW / $C_{16}H_{16}BrN_3$ 330.22
2-(9H-carbazol-9-yl)-4-methylphenol CAT# OC1054	3-Methyl-1,2-phenylenediamine CAT# OC1120
 CAS# Formula FW [620987-78-2] $C_{19}H_{15}NO$ 273.33	 CAS# Formula FW [2687-25-4] $C_7H_{10}N_2$ 122.17
2-(9H-carbazol-9-yl)phenol CAT# OC1055	2-Acetyl-3-Methylpyridine CAT# OC1150
 CAS# Formula FW $C_{18}H_{13}NO$ 259.30	 CAS# Formula FW [85279-30-7] C_8H_9NO 135.16
3-Carbazol-9-ylbenzhydrazide CAT# OC1056	Benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1160
 CAS# Formula FW $C_{19}H_{15}N_3O$ 301.34	 CAS# Formula FW [29150-63-8] $C_{12}H_6S_3$ 246.37

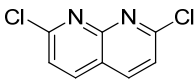
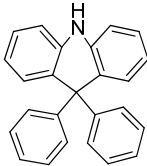
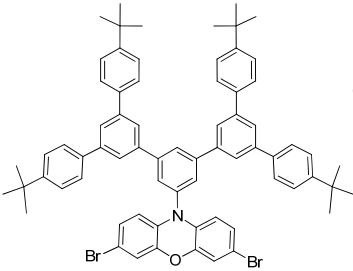
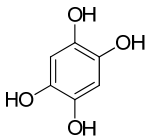
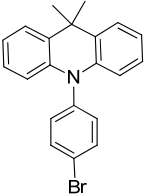
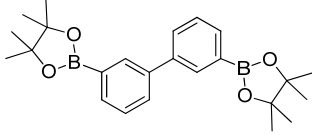
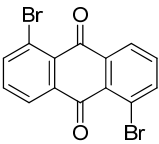
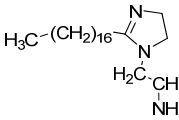
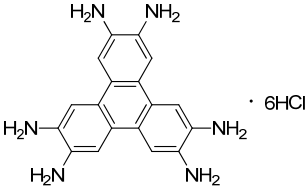
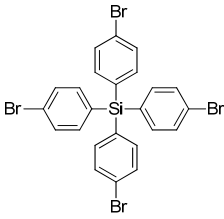
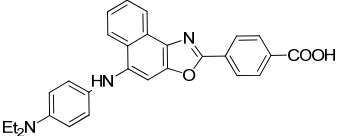
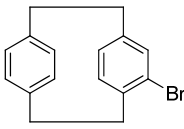
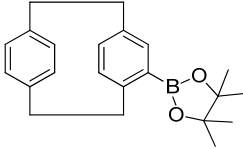
2,5,8-Tribromobenzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1151  CAS# [1174223-26-7] Formula $C_{12}H_3Br_3S_3$ FW 483.05	2,3-Dihydro-1H-cyclopenta[b]naphthalen-1-one CAT# OC1170  CAS# [109341-49-3] Formula $C_{13}H_{10}O$ FW 182.22
2,5,8-Tris(trimethylstannyl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1161  CAS# [1289556-30-4] Formula $C_{21}H_{30}S_3Sn_3$ FW 734.79	2-(3-Oxo-2,3-dihydro-1H-cyclopenta[b]naphthalen-1-ylidene)malononitrile CAT# OC1270  CAS# [2109805-70-9] Formula $C_{16}H_8N_2O$ FW 244.25
(5-(2-Hexyldecyl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene-2,8-diyl)bis(trimethylstannane) DTBTT-2Sn CAT# OC1163	2,3-Dihydrocyclopenta[b]indol-1(4H)-one CAT# OC1171  CAS# [61364-20-3] Formula $C_{11}H_9NO$ FW 171.20
 CAS# / Formula $C_{38}H_{54}S_5Sn_2$ FW 908.58	1,5-Dihexyl-5,7-dihydropyrrolo[2,3-f]indole-2,6(1H,3H)-dione CAT# OC1196  CAS# [929541-15-1] Formula $C_{22}H_{32}N_2O_2$ FW 356.50
2,5,8-Tris(3-hexyl-5-(trimethylstannyl)thiophen-2-yl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1261  CAS# / Formula $C_{51}H_{72}S_6Sn_3$ FW 1233.64	2,2'-(2,6-Bis(hexyloxy)naphthalene-1,5-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# OC1159  CAS# [2357137-42-7] Formula $C_{34}H_{54}B_2O_6$ FW 580.41
6-Methyl-1,2,3,5-tetrahydros-indacene CAT# OC1165  CAS# [202667-45-6] Formula $C_{13}H_{14}$ FW 170.25	2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)naphthalene CAT# OC1199  CAS# [853377-10-3] Formula $C_{22}H_{30}B_2O_4$ FW 380.10
S-indacene-1,3,5,7(2H,6H)-tetraone CAT# OC1166  CAS# [53910-13-7] Formula $C_{12}H_6O_4$ FW 214.17	N-(4-(tert-butyl)phenyl)naphthalen-1-amine CAT# OC1152  CAS# [4572-48-9] Formula $C_{20}H_{21}N$ FW 275.39

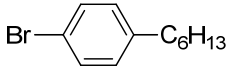
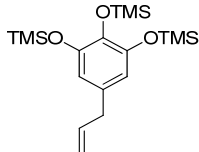
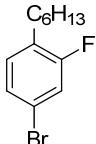
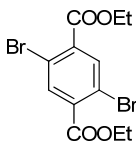
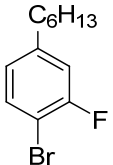
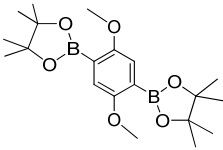
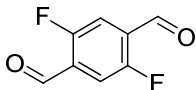
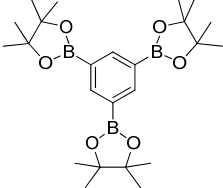
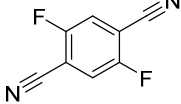
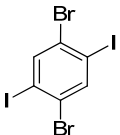
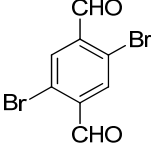
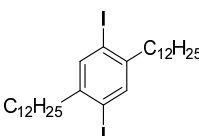
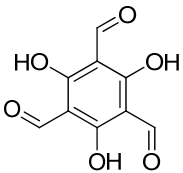
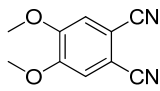
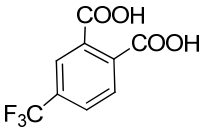
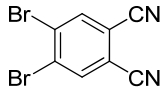
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CAT# OC1153	
	CAS# [32057-88-8] Formula $C_{26}H_{20}$ FW 332.45
Naphthalen-1-ylphosphonic acid	
CAT# OC1172	
	CAS# Formula $C_{10}H_9O_3P$ FW 208.15
Anthracen-9-ylphosphonic acid	
CAT# OC1174	
	CAS# Formula $C_{14}H_{11}O_3P$ FW 258.21
Diethyl 12-(anthracen-9-yl)dodecylphosphonate	
CAT# OC1175	
	CAS# Formula $C_{30}H_{43}O_3P$ FW 482.63
2-Methyltriphenylene	
CAT# OC1185	
	CAS# Formula $C_{19}H_{14}$ FW 242.31
9H-indeno[1,2-b][1,5]oxadiazolo[3,4-e]pyrazin-9-one	
CAT# OC1181	
	CAS# [67200-34-4] Formula $C_{11}H_4N_4O_2$ FW 224.18
2-(4-Bromophenyl)-3-phenyldibenzo[f,h]quinoxaline	
CAT# OC1186	
	CAS# / Formula $C_{28}H_{17}BrN_2$ FW 461.35

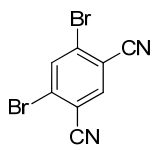
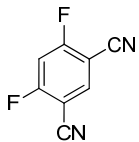
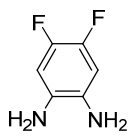
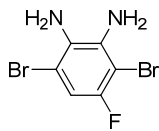
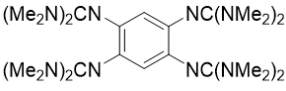
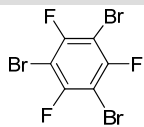
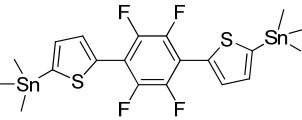
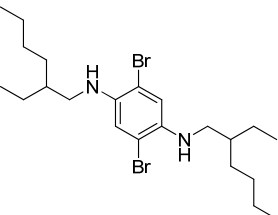
2,3-Bis(2-bromophenyl)dibenzo[f,h]quinoxaline	
CAT# OC1187	
	CAS# / Formula $C_{28}H_{16}Br_2N_2$ FW 540.25
2-(3-Chlorophenyl)-4,6-diphenyl-1,3,5-triazine	
CAT# OC1324	
	CAS# Formula $C_{21}H_{14}ClN_3$ FW 343.81
2,4-Diphenyl-6-(3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)-1,3,5-triazine	
CAT# OC1325	
	CAS# Formula $C_{27}H_{26}BN_3O_2$ FW 435.33
2,4-Dichloro-6-(naphthalen-2-yl)-1,3,5-triazine	
CAT# OC1326	
	CAS# [112719-97-8] Formula $C_{13}H_7Cl_2N_3$ FW 276.12
9-(3-(2,6-Dichloropyrimidin-4-yl)phenyl)-9H-carbazole	
CAT# OC1330	
	CAS# / Formula $C_{22}H_{13}Cl_2N_3$ FW 390.26
2-Bromo-4,6-diphenylpyrimidine	
CAT# OC1328	
	CAS# [56181-49-8] Formula $C_{18}H_{11}BrN_2$ FW 311.18

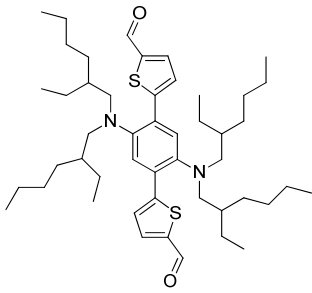
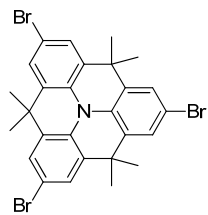
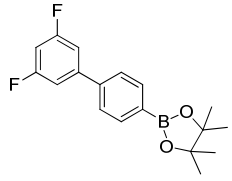
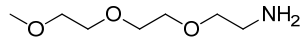
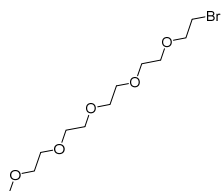
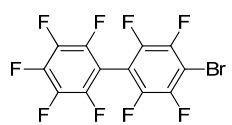
Tetrakis(4-bromophenyl)methane CAT# OC1409  CAS# Formula $C_{25}H_{16}Br_4$ FW 636.01	6-Bromo-2-naphthaldehyde CAT# OC1456  CAS# [170737-46-9] Formula $C_{11}H_7BrO$ FW 235.08
4,4',4'',4'''-Methanetetrayltetrakis(benzene-4,1-diyl)tetraboronic acid CAT# OC1410  CAS# Formula $C_{25}H_{24}B_4O_8$ FW 495.70	2,6-Dibromo-1,5-difluoronaphthalene CAT# OC1460  CAS# Formula $C_{10}H_4Br_2F_2$ FW 321.94
1,1,2-Tetrakis(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)ethene CAT# OC1420	Phenanthrene,9-ethenyl- CAT# OC1470  CAS# [14134-06-6] Formula $C_{16}H_{12}$ FW 204.27
 CAS# Formula $C_{50}H_{64}B_4O_8$ FW 836.28	Methyl 4-(5'-bromo-[2,2'-bithiophen]-5-yl)benzoate CAT# OC1070  CAS# Formula $C_{16}H_{11}BrO_2S_2$ FW 379.29
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
 CAS# [78525-34-5] Formula $C_{26}H_{24}N_4$ FW 392.50	 CAS# [171364-80-0] Formula $C_{14}H_{19}BO_4$ FW 262.11
(4-(1,2,2-Triphenylvinyl)phenyl)boronic acid CAT# OC1421	Methyl 4-ethynylbenzoate CAT# OC1092
 CAS# [1227040-87-0] Formula $C_{26}H_{21}BO_2$ FW 376.25	 CAS# [3034-86-4] Formula $C_{10}H_8O_2$ FW 160.17
Thiophene, 2,2',2'',2'''-(1,2-ethenediylidene)tetrakis- CAT# OC1430	2-Bromobenzene-1,3,5-tricarbonitrile CAT# OC1093  CAS# [13520-05-3] Formula $C_6H_2BrN_3$ FW 232.04
 CAS# [139376-06-0] Formula $C_{18}H_{12}S_4$ FW 356.55	3,6-Dibromobenzene-1,2,4,5-tetracarbonitrile CAT# OC1094  CAS# / Formula $C_{10}Br_2N_4$ FW 335.94

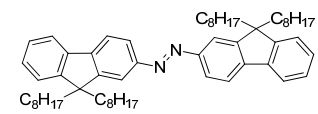
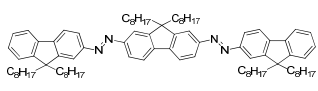
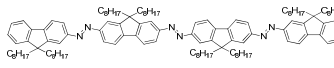
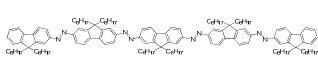
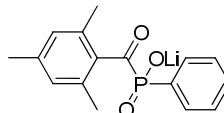
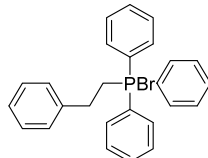
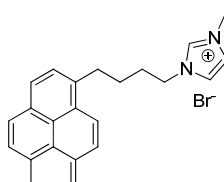
1,4-Dibromo-2,5-di(oct-1-yn-1-yl)benzene CAT# OC1096	3,6-Dibromo-9H-xanthen-9-one CAT# OC1212
 CAS# [190372-19-1] Formula $C_{22}H_{28}Br_2$ FW 452.27	 CAS# [40102-85-0] Formula $C_{13}H_6Br_2O_2$ FW 353.99
Trans-Bis(acetato)bis[o-(di-o-tolylphosphino)benzyl]dipalladium(II) CAT# OC1098	Xantheno[2,1,9-mna]xanthene CAT# OC1213
 CAS# [172418-32-5] Formula $C_{46}H_{46}O_4P_2Pd_2$ FW 937.64	 CAS# Formula $C_{22}H_{12}O_2$ FW 308.33
N-butyl-N-(morpholinomethyl)butan-1-amine CAT# OC1155	Dibenzo[b,g][1,5]naphthyridine-6,12(5H,11H)-dione CAT# OC1214
 CAS# [67215-50-3] Formula $C_{13}H_{28}N_2O$ FW 228.37	 CAS# Formula $C_{16}H_{10}N_2O_2$ FW 262.26
3-(Prop-2-ynyl)tetrahydro-2H-pyran-2-one CAT# OC1157	N,N'-Dibutylquinacridone CAT# OC1220
 CAS# Formula $C_8H_{10}O_2$ FW 138.16	 CAS# [99762-80-8] Formula $C_{28}H_{28}N_2O_2$ FW 424.53
2-(Trimethylsilyl)phenyl trifluoromethanesulfonate CAT# OC1180	1,2,6,7-Tetrahydrobenzo[1,2-e:4,5-e']bis([1,2]azaborinine) CAT# OC1221
 CAS# Formula $C_{10}H_{13}F_3O_3SSi$ FW 298.35	 CAS# Formula $C_{10}H_{10}B_2N_2$ FW 179.82
2-Hexyldecanoyl chloride CAT# OC1200	Bis(4-(trifluoromethyl)phenyl)phosphine oxide CAT# OC1222
 CAS# Formula $C_{16}H_{31}ClO$ FW 274.87	 CAS# [15929-43-8] Formula $C_{14}H_9F_6OP$ FW 338.18
1-(10H-phenothiazin-10-yl)propan-1-one CAT# OC1210	4,4'-Oxydibenzaldehyde CAT# OC1223
 CAS# Formula $C_{15}H_{13}NOS$ FW 255.33	 CAS# [2265-76-1] Formula $C_{14}H_{10}O_3$ FW 226.23
3,7-Dibromo-10-(4-octylphenyl)-10H-phenothiazine CAT# OC1211	3,4-Dimethoxythiophene CAT# OC1215
 CAS# Formula $C_{26}H_{27}Br_2NS$ FW 545.37	 CAS# [51792-34-8] Formula $C_6H_6O_2S$ FW 144.19

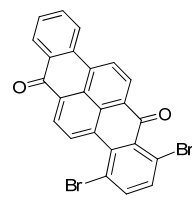
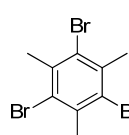
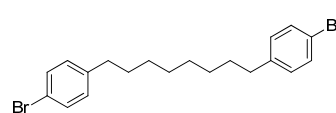
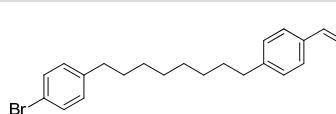
2,7-Dichloro-1,8-naphthyridine CAT# OC1216	9,9-Diphenyl-9,10-dihydroacridine CAT# OC1300
 CAS# [55243-02-2] Formula $C_8H_4Cl_2N_2$ FW 199.04	 CAS# [20474-15-1] Formula $C_{25}H_{19}N$ FW 333.43
3,7-Dibromo-10-(4,4''''-di-tert-butyl-5',5'''-bis(4-(tert-butyl)phenyl)-[1,1':3',1'':3'',1''':3''',1''''-quinquephenyl]-5''-yl)-10H-phenoxazine CAT# OC1217	Benzene-1,2,4,5-tetraol CAT# OC3100
 CAS# [1203471-43-5] Formula $C_{70}H_{67}Br_2NO$ FW 1098.10	 CAS# Formula $C_6H_6O_4$ FW 142.11
10-(4-Bromophenyl)-9,9-dimethyl-9,10-dihydroacridine CAT# OC1218	3,3'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1,1'-biphenyl CAT# OC3112
 CAS# [1342892-15-2] Formula $C_{21}H_{18}BrN$ FW 364.28	 CAS# [850264-92-5] Formula $C_{24}H_{32}B_2O_4$ FW 406.13
1,5-Dibromoanthracene-9,10-dione CAT# OC1219	2-(2-Heptadecyl-4,5-dihydro-1H-imidazol-1-yl)ethanamine CAT# OC1310
 CAS# [602-77-7] Formula $C_{14}H_6Br_2O_2$ FW 366.00	 CAS# Formula $C_{22}H_{43}N_3$ FW 351.61
2,3,6,7,10,11-Hexaaminotriphenylene CAT# OC1230	Tetrakis(4-bromophenyl)silane CAT# OC1800
 CAS# [1350518-27-2] Formula $C_{18}H_{24}Cl_6N_6$ FW 537.14	 CAS# [18733-98-7] Formula $C_{24}H_{16}Br_4Si$ FW 652.09
4-(5-(4-(Diethylamino)phenylamino)naphtho[1,2-d]oxazol-2-yl)benzoic acid CAT# OC1250	4-Bromo(2,2)paracyclophane CAT# OC1450
 CAS# Formula $C_{28}H_{25}N_3O_3$ FW 451.52	 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# Formula $C_{22}H_{27}BO_2$ FW 334.26

1-Bromo-4-hexylbenzene CAT# OC1697	((5-Allylbenzene-1,2,3-triyl)tris(oxy))tris(trimethylsilane) CAT# OC1808
 CAS# [23703-22-2] Formula C₁₂H₁₇Br FW 241.17	 CAS# Formula C₁₈H₃₄O₃Si₃ FW 382.72
4-Bromo-2-fluoro-1-hexylbenzene CAT# OC1698	Diethyl 2,5-dibromoterephthalate CAT# OC1701
 CAS# [1403380-08-4] Formula C₁₂H₁₆BrF FW 259.16	 CAS# [18013-97-3] Formula C₁₂H₁₂Br₂O₄ FW 380.03
1-Bromo-2-fluoro-4-hexylbenzene CAT# OC1699	2,2'-(2,5-Dimethoxy-1,4-phenylene)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# OC1801
 CAS# / Formula C₁₂H₁₆BrF FW 259.16	 CAS# [1338777-82-4] Formula C₂₀H₃₂B₂O₆ FW 390.09
2,5-Difluoroterephthalaldehyde CAT# OC1601	1,3,5-Tris(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzene CAT# OC1418
 CAS# [608145-27-3] Formula C₈H₄F₂O₂ FW 170.11	 CAS# [365564-05-2] Formula C₂₄H₃₆B₃O₆ FW 456.00
2,5-Difluoroterephthalonitrile CAT# OC1602	1,4-Dibromo-2,5-diiodobenzene CAT# OC1702
 CAS# [1897-49-0] Formula C₈H₂F₂N₂ FW 164.11	 CAS# [63262-06-6] Formula C₆H₂Br₂I₂ FW 487.70
2,5-Dibromoterephthalaldehyde CAT# OC1700	1,4-Didodecyl-2,5-diiodobenzene CAT# OC1710
 CAS# [63525-48-4] Formula C₈H₄Br₂O₂ FW 291.92	 CAS# [162715-93-7] Formula C₃₀H₅₂I₂ FW 666.55
2,4,6-Trihydroxybenzene-1,3,5-tricarbaldehyde CAT# OC1706	4,5-Dimethoxyphthalonitrile CAT# OC1802
 CAS# [34374-88-4] Formula C₉H₆O₆ FW 210.14	 CAS# [88946-67-2] Formula C₁₀H₈N₂O₂ FW 188.18
4-(Trifluoromethyl)phthalic acid CAT# OC1805	4,5-Dibromophthalonitrile CAT# OC1703
 CAS# [835-58-5] Formula C₉H₅F₃O₄ FW 234.13	 CAS# [86938-64-9] Formula C₈H₂Br₂N₂ FW 285.92

4,6-Dibromoisophthalonitrile	
CAT# OC1704	
	CAS# [244261-21-0] Formula $C_6H_2Br_2N_2$ FW 285.92
4,6-Difluoroisophthalonitrile	
CAT# OC1705	
	CAS# [17654-70-5] Formula $C_6H_2F_2N_2$ FW 164.11
4,5-Difluorobenzene-1,2-diamine	
CAT# OC1708	
	CAS# [76179-40-3] Formula $C_6H_4F_2N_2$ FW 144.12
3,6-Dibromo-4-fluorobenzene-1,2-diamine	
CAT# OC1803	
	CAS# [1347736-83-7] Formula $C_6H_3Br_2FN_2$ FW 283.92
2',2'',2''',2''''-(Benzene-1,2,4,5-tetrayl)tetrakis(1,1,3,3-tetramethylguanidine)	
CAT# OC1709	
	CAS# Formula $C_{26}H_{50}N_{12}$ FW 530.76
1,3,5-Tribromo-2,4,6-trifluorobenzene	
CAT# OC1707	
	CAS# [2368-49-2] Formula $C_6Br_3F_3$ FW 368.77
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 $C_{20}H_{22}F_4S_2Sn_2$ FW 639.93
2,5-Dibromo-N',N'-bis(2-ethylhexyl)benzene-1,4-diamine	
CAT# OC1605	
	CAS# / Formula $C_{22}H_{38}Br_2N_2$ FW 490.36

5,5'-(2,5-Bis(bis(2-ethylhexyl)amino)-1,4-phenylene)bis(thiophene-2-carbaldehyde)	
CAT# OC1606	
	CAS# / Formula $C_{48}H_{78}N_2O_2S_2$ FW 777.26
2,6,10-Tribromo-4,4,8,8,12,12-hexamethyl-8,12-dihydro-4H-benzo[1,9]quinoxalino[3,4,5,6,7-defg]acridine	
CAT# OC1900	
	CAS# [928642-02-8] Formula $C_{27}H_{24}Br_3N$ 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 $C_{18}H_{19}BF_2O_2$ FW 316.15
2-(2-(2-Methoxyethoxy)ethoxy)ethanamine	
CAT# OC1510	
	CAS# [74654-07-2] Formula $C_7H_{17}NO_3$ FW 163.21
16-Bromo-2,5,8,11,14-pentaoxahexadecane	
CAT# OC1512	
	CAS# [854601-80-2] Formula $C_{11}H_{23}BrO_5$ FW 315.20
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

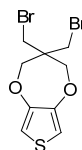
(E)-1,2-bis(9,9-dioctyl-9H-fluoren-2-yl)diazene	
OFLA	CAT# OC4001
	CAS# [1656266-53-3] Formula $C_{58}H_{82}N_2$ FW 807.29
(1E,1'E)-2,2'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(1-(9,9-dioctyl-9H-fluoren-2-yl)diazene)	
OFL2A	CAT# OC4002
	CAS# / Formula $C_{87}H_{122}N_4$ FW 1223.93
(E)-1,2-bis(7-((E)-(9,9-dioctyl-9H-fluoren-2-yl)diazenyl)-9,9-dioctyl-9H-fluoren-2-yl)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-fluoren-2-yl)diazenyl)-9,9-dioctyl-9H-fluoren-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 $C_{16}H_{16}LiO_3P$ FW 294.21
Bromo(phenethyl)triphenyl-15-phosphane	
	CAT# OC2002
	CAS# [53213-26-6] Formula $C_{26}H_{24}BrP$ FW 447.36
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 $C_{24}H_{10}Br_2O_2$ FW 487.90
1,3,5-Tribromo-2,4,6-trimethylbenzene	
	CAT# OC4011
	CAS# [608-72-0] Formula $C_9H_9Br_3$ FW 356.88
Benzene, 1,1'-(1,8-octanediyl)bis[4-bromo-	
	CAT# OC4020
	CAS# [102551-76-8] 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

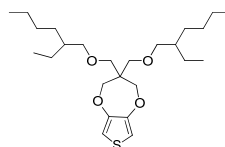
CAT# EC001



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

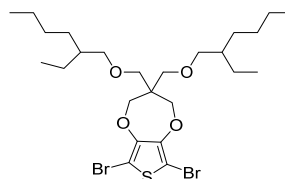
CAT# EC002



CAS# [634591-75-6]
Formula $C_{25}H_{44}O_4S$
FW 440.68

6,8-Dibromo-3,3-bis(((2-ethylhexyl)oxy)methyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine

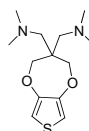
CAT# EC005



CAS# [700817-08-9]
Formula $C_{25}H_{42}Br_2O_4S$
FW 598.48

1,1'-(3,4-Dihydro-2H-thieno[3,4-b][1,4]dioxepine-3,3-diyl)bis(N,N-dimethylmethanamine)

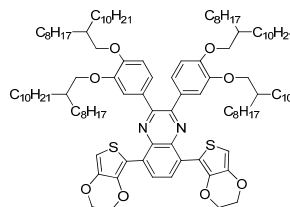
CAT# EC003



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 $C_{112}H_{182}N_2O_8S_2$
FW 1748.78