



## OM Sciences Company Limited

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Hong Kong Science Park, Shatin, New Territories, Hong Kong

Email: [chemist@om-sciences.com](mailto:chemist@om-sciences.com)

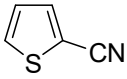
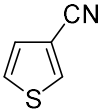
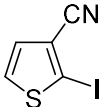
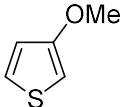
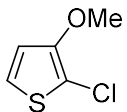
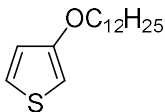
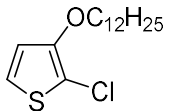
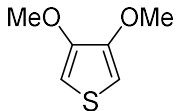
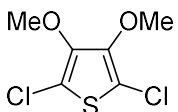
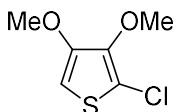
Tel: +852 5396-1497 (Mr. Lam)

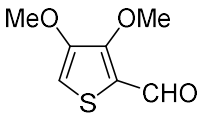
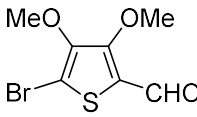
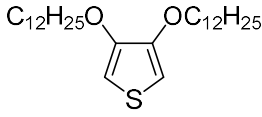
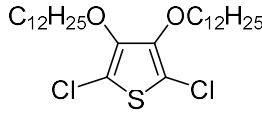
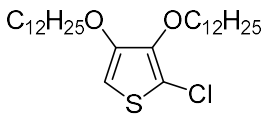
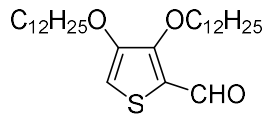
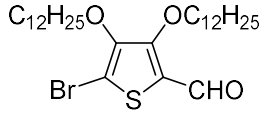
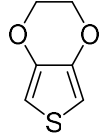
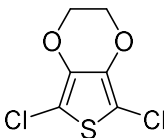
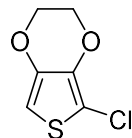
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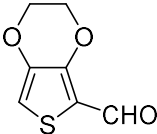
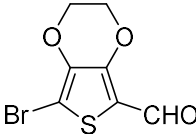
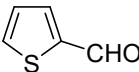
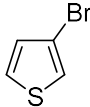
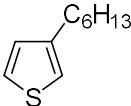
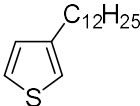
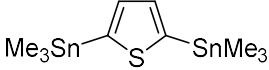
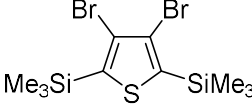
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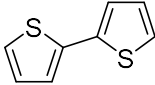
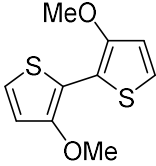
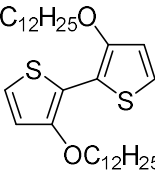
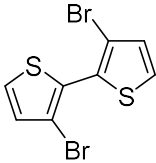
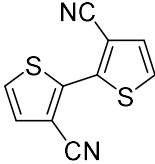
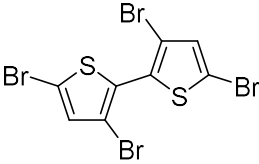
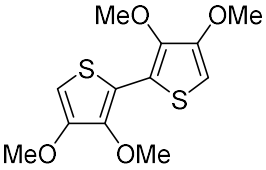
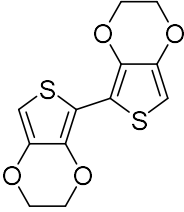
# Catalog 02/2024

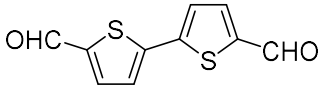
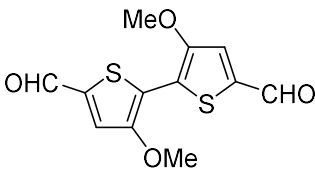
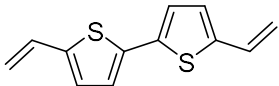
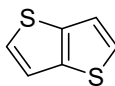
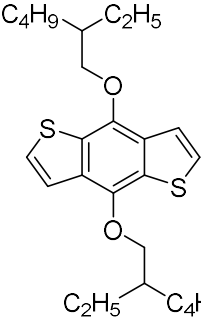
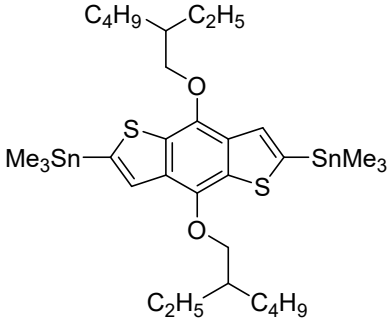
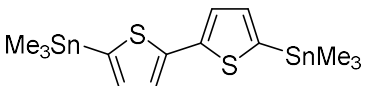
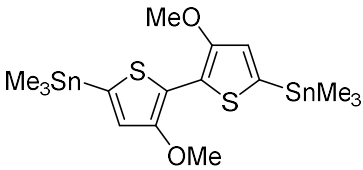
<b>Thiophene Derivatives</b>	<b>P.2</b>
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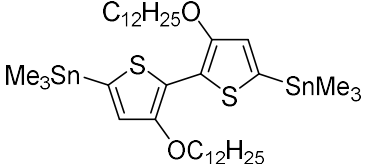
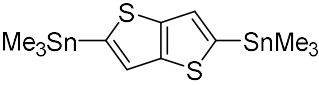
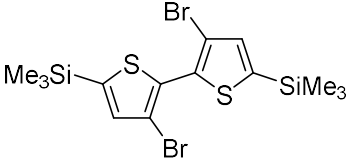
<b>Thiophene Derivatives</b>	
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2-cyanothiophene	3-cyanothiophene
CAS: 1003-31-2	CAS: 1641-09-4
OMTH003	OMTH004
	
3-cyano-2-iodothiophene	3-methoxythiophene
CAS: 18800-01-6	CAS: 17573-92-1
OMTH005	OMTH006
	
2-chloro-3-methoxythiophene	3-dodecoxythiophene
CAS: 123418-46-2	CAS: 120621-18-3
OMTH007	OMTH008
	
2-chloro-3-dodecoxythiophene	3,4-dimethoxythiophene
CAS: -	CAS: 51792-34-8
OMTH009	OMTH010
	
2,5-dichloro-3,4-dimethoxythiophene	2-Chloro-3,4-dimethoxythiophene
CAS: -	CAS: 1538740-51-0

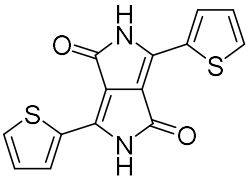
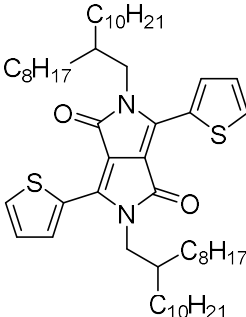
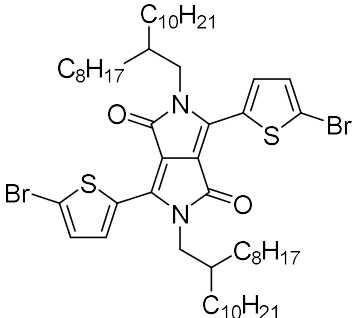
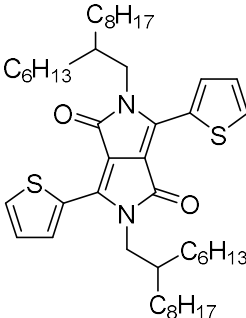
OHTH011	OMTH012
	
3,4-dimethoxythiophene-2-carbaldehyde	5-Bromo-3,4-dimethoxy-2-thiophenecarboxaldehyde
CAS: 51792-38-2	CAS: 1233489-13-8
OMTH013	OMTH014
	
3,4-Bis(dodecyloxy)thiophene	2,5-dichloro-3,4-didodecoxythiophene
CAS: 496800-96-5	CAS: -
OMTH015	OMTH016
	
2-chloro-3,4-didodecoxythiophene	3,4-Bis(dodecyloxy)-2-thiophenecarboxaldehyde
CAS: -	CAS: -
OMTH017	OMTH018
	
5-Bromo-3,4-bis(dodecyloxy)-2-thiophenecarboxaldehyde	3,4-ethylenedioxythiophene
CAS:	CAS: 126213-50-1
OMTH019	OMTH020
	
2,5-dichloro-3,4-ethylenedioxythiophene	2-chloro-3,4-ethylenedioxythiophene
CAS: 225518-49-0	CAS: 1409917-53-8

OMTH021	OMTH022
	
3,4-ethylenedioxythiophene-2-carboxaldehyde	7-Bromo-2,3-dihydrothieno[3,4-b][1,4]dioxine-5-carboxaldehyde
CAS: 204905-77-1	CAS: 852054-42-3
OMTH023	OMTH024
	
2-thiophenecarboxaldehyde	3-bromothiophene
CAS: 98-03-3	CAS: 872-31-1
OMTH025	OMTH026
	
3-hexylthiophene	3-dodecylthiophene
CAS: 1693-86-3	CAS: 104934-52-3
OMTH027	OMTH028
	
2,5-bis(trimethylstannyl)thiophene	2,5-di(trimethylsilyl)-3,4-dibromothiophene
CAS: 86134-26-1	CAS: 175658-90-9

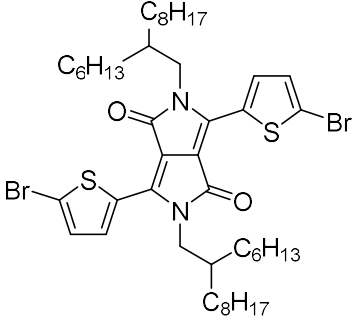
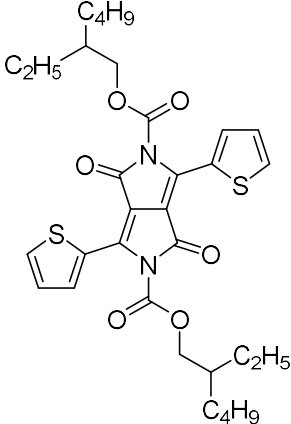
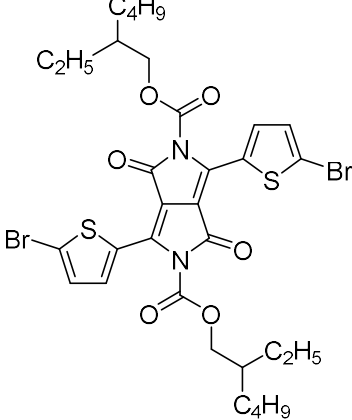
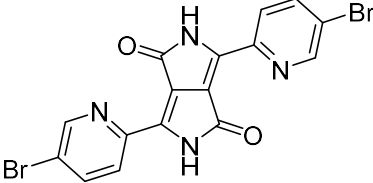
<b>Bithiophene Derivatives</b>	
OMBT001	OMBT002
	
2,2'-bithiophene	3,3'-dimethoxy-2,2'-bithiophene
CAS: 492-97-7	CAS: 118583-86-1
OMBT003	OMBT004
	
3,3'-Bis(dodecyloxy)-2,2'-bithiophene	3,3'-dibromo-2,2'-bithiophene
CAS: 1088205-14-4	CAS: 51751-44-1
OMBT005	OMBT006
	
3,3'-Dicyano-2,2'-bithiophene	3,3',5,5'-tetrabromo-2,2'-bithiophene
CAS: 132663-46-8	CAS: 125143-53-5
OMBT007	OMBT008
	
3,3',4,4'-Tetramethoxy-2,2'-bithiophene	2,2',3,3'-Tetrahydro-5,5'-bithieno[3,4-b]- 1,4-dioxin
CAS: 1351662-66-2	CAS: 195602-17-6

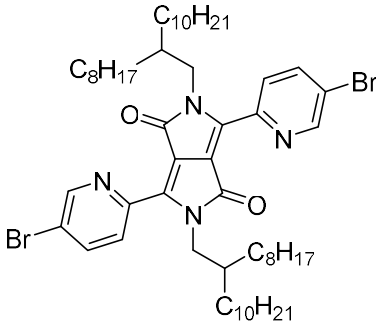
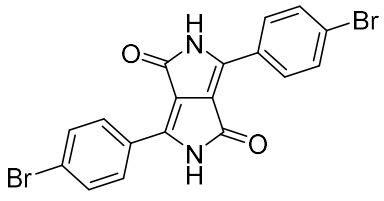
OMBT009	OMBT010
	
2,2'-bithiophene-5,5'-dicarboxaldehyde	3,3'-dimethoxy-2,2'-bithiophene-5,5'-dicarboxaldehyde
CAS: 32364-72-0	CAS: -
OMBT011	OMBT012
	
5,5'-Diethenyl-2,2'-bithiophene	Thieno[3,2-b]thiophene
CAS: 156465-35-9	CAS: 251-41-2
OMBT013	OMBT014
	
2,6-dibromo-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene	4,8-Bis((2-ethylhexyl)oxy)-2,6-bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophene
CAS: 1226782-13-3	CAS: 1160823-78-8
OMBT015	OMBT016
	
5,5'-bis(trimethylstannyl)-2,2'-bithiophene	5,5'-bis(trimethylstannyl)-3,3'-dimethoxy-2,2'-bithiophene
CAS: 143367-56-0	CAS: 1248460-50-5

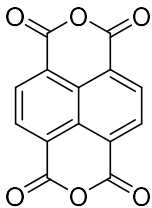
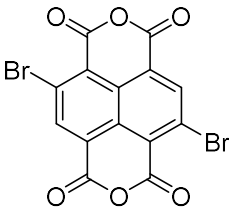
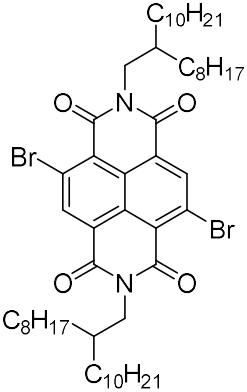
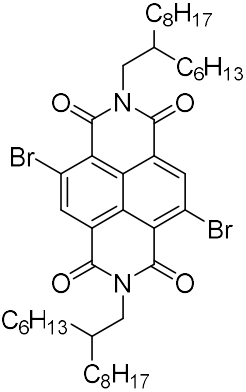
OMBT017	OMBT018
	
5,5'-bis(trimethylstannyl)-3,3'-dimdodecoxy-2,2'-bithiophene	2,5-bis(trimethylstannyl)-thieno[3,2-b]thiophene
CAS: 1248460-41-4	CAS: 469912-82-1
OMBT019	OMBT020
	
3,3'-dibromo-5,5'-bis(trimethylsilyl)-2,2'-bithiophene	
CAS: 207742-50-5	CAS:

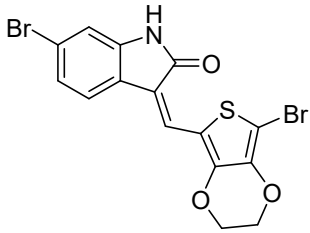
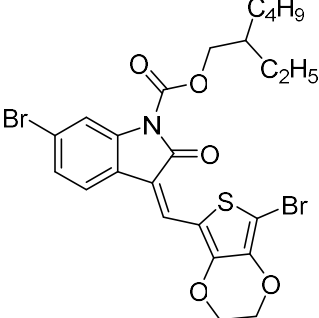
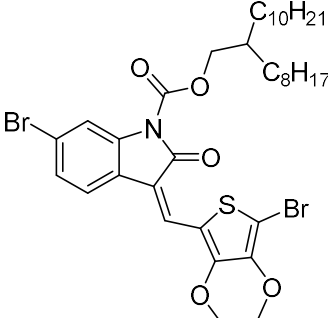
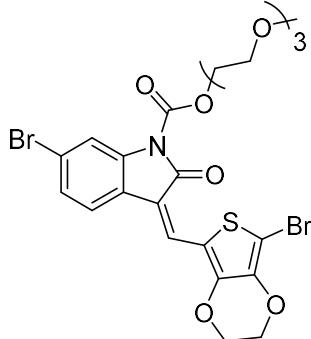
<b>Diketopyrrolopyrrole Derivatives</b>	
OMDPP001	OMDPP002
	
2,5-Dihydro-3,6-di-2-thienyl-pyrrolo[3,4-c]pyrrole-1,4-dione	2,5-bis(2-octyldodecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione
CAS: 850583-75-4	CAS: 1267540-02-2
OMDPP003	OMDPP004
	
3,6-bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione	2,5-Bis(2-hexyldecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione
CAS: 1260685-63-9	CAS: 1044598-80-2

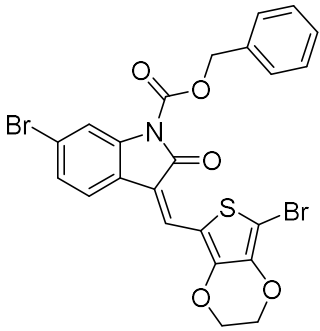
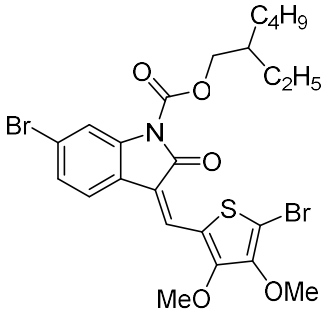
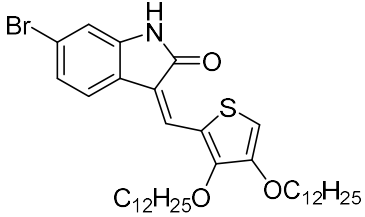
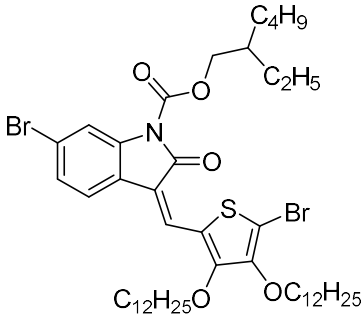


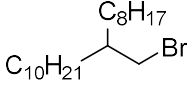
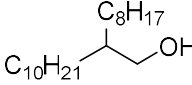
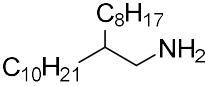
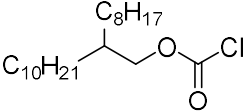
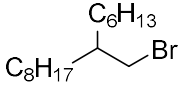
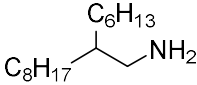
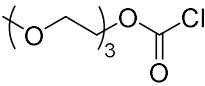
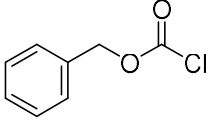
OMDPP005	OMDPP006
	
<p>3,6-bis(5-bromo-2-thienyl)-2,5-bis(2-hexyldecyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione</p>	<p>bis(2-ethylhexyl)1,4-dioxo-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate</p>
<p>CAS: 1000623-98-2</p>	<p>CAS: -</p>
OMDPP007	OMDPP008
	
<p>bis(2-ethylhexyl)3,6-bis(5-bromothiophen-2-yl)-1,4-dioxopyrrolo[3,4-c]pyrrole-2,5(1H,4H)-dicarboxylate</p>	<p>3,6-bis(5-bromopyridin-2-yl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione</p>
<p>CAS: -</p>	<p>CAS: 777079-50-2</p>

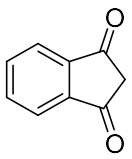
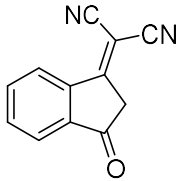
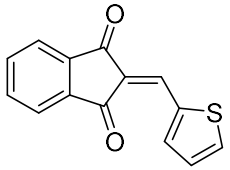
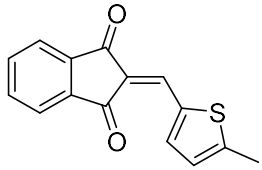
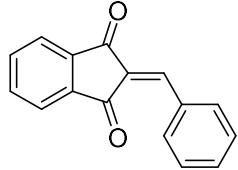
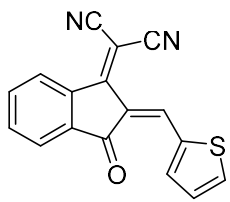
OMDPP009	OMDPP010
	
<p>3,6-Bis(5-bromopyridin-2-yl)-2,5-bis(2-octyldodecyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione</p>	<p>3,6-bis(4-bromophenyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione</p>
<p>CAS: 1455028-34-8</p>	<p>CAS: 84632-54-2</p>

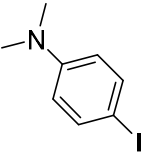
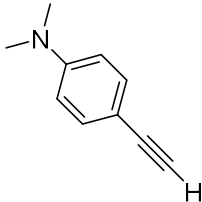
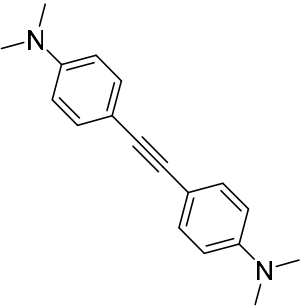
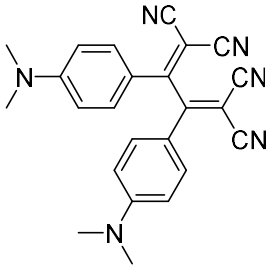
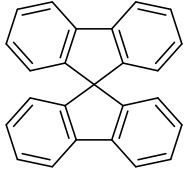
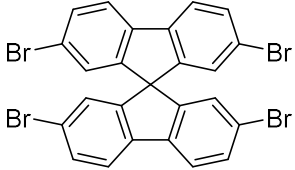
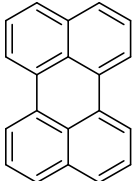
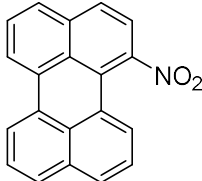
<b>Naphthalenediimide Derivatives</b>	
OMNDI001	OMNDI002
	
1,4,5,8-naphthalenetetracarboxylic dianhydride	2,6-dibromonaphthalene-1,4,5,8-tetracarboxylic dianhydride
CAS: 81-30-1	CAS: 83204-68-6
OMNDI003	OMNDI004
	
4,9-Dibromo-2,7-bis(2-octyldodecyl)benzo[lmn]-[3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone	4,9-Dibromo-2,7-bis(2-hexyldecyl)benzo[lmn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone
CAS: 1100243-35-3	CAS: 1459168-68-3

<b>Hemiisindigo Derivatives</b>	
OMHID001	OMHID002
	
(Z)-6-bromo-3-((7-bromo-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)methylene)indolin-2-one	2-ethylhexyl (Z)-6-bromo-3-((7-bromo-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)methylene)-2-oxindoline-1-carboxylate
CAS: 2758917-20-1	CAS: 2758917-21-2
OMHID003	OMHID004
	
2-octyldodecyl (Z)-6-bromo-3-((7-bromo-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)methylene)-2-oxindoline-1-carboxylate	2-[2-(2-Methoxyethoxy)ethoxy]ethyl (Z)-6-bromo-3-((7-bromo-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)methylene)-2-oxindoline-1-carboxylate
CAS: -	CAS:-

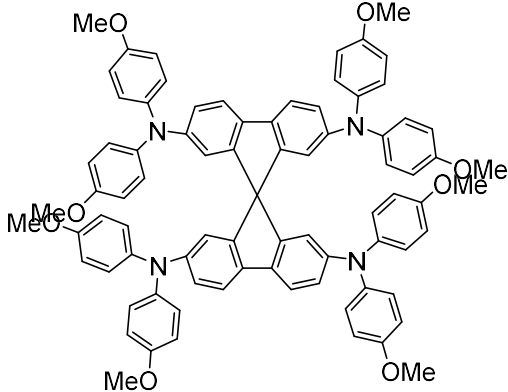
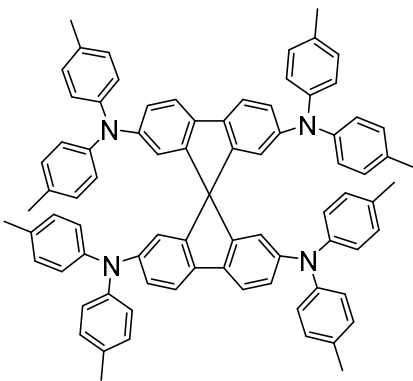
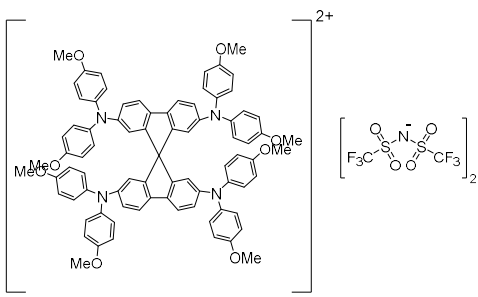
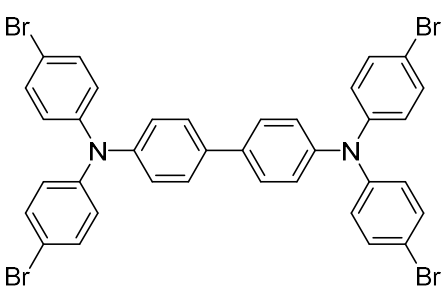
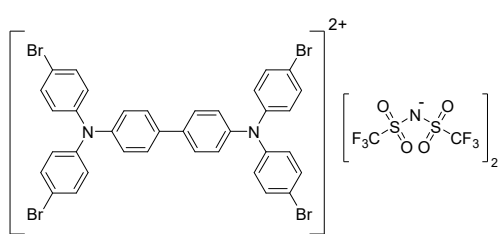
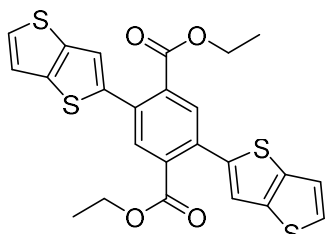
OMHID005	OMHID006
	
<p>Benzyl (Z)-6-bromo-3-((7-bromo-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)methylene)-2-oxindoline-1-carboxylate</p>	<p>2-ethylhexyl 6-bromo-3-((5-bromo-3,4-dimethoxythiophen-2-yl)methylene)-2-oxindoline-1-carboxylate</p>
<p>CAS: -</p>	<p>CAS: 2758917-19-8</p>
OMHID007	OMHID008
	
<p>6-bromo-3-((bromo-3,4-didodecoxythiophen-2-yl)methylene)-2-oxindoline</p>	<p>2-ethylhexyl 6-bromo-3-((5-bromo-3,4-didodecoxythiophen-2-yl)methylene)-2-oxindoline-1-carboxylate</p>
<p>CAS: -</p>	<p>CAS: -</p>

<b>Alkyl Chain Molecules</b>	
OMACM001	OMACM002
	
9-(Bromomethyl)nonadecane	2-n-Octyl-1-dodecanol
CAS: 69620-20-8	CAS: 5333-42-6
OMACM003	OMACM004
	
2-n-Octyl-1-dodecylamine	2-Octyldodecyl chloroformate
CAS: 62281-06-5	CAS: 99943-16-5
OMACM005	OMACM006
	
7-(Bromomethyl)pentadecane	2-Hexyldecan-1-amine
CAS: 52997-43-0	CAS: 62281-05-4
OMACM007	OMACM008
	
2-[2-(2-Methoxyethoxy)ethoxy]ethyl chloroformate	Benzyl chloroformate
CAS: 105292-71-5	CAS: 501-53-1

<b>Small Molecules</b>	
OMSM001	OMSM002
	
1,3-Indandione	3-(Dicyanomethylidene)indan-1-one
CAS: 606-23-5	CAS: 1080-74-6
OMSM003	OMSM004
	
2-(Thiophen-2-ylmethylene)-1H-indene-1,3(2H)-dione	2-[(5-Methyl-2-thienyl)methylene]-1H-indene-1,3(2H)-dione
CAS: 24760-36-9	CAS: 444117-63-9
OMSM005	OMSM006
	
2-(Phenylmethylene)-1H-indene-1,3(2H)-dione	2-[2,3-Dihydro-3-oxo-2-(2-thienylmethylene)-1H-inden-1-ylidene]-propanedinitrile
CAS: 5381-33-9	CAS: 2639530-58-6

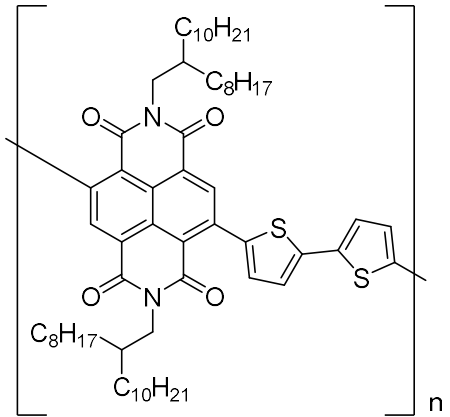
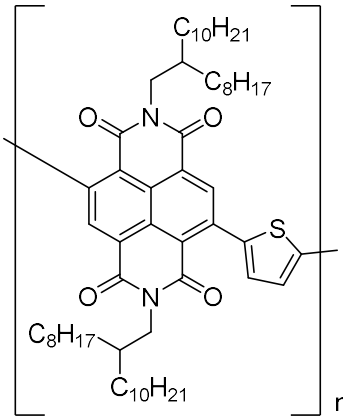
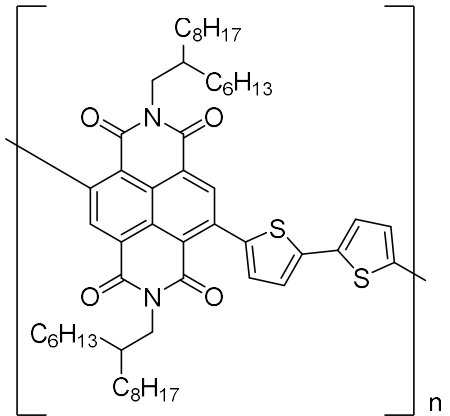
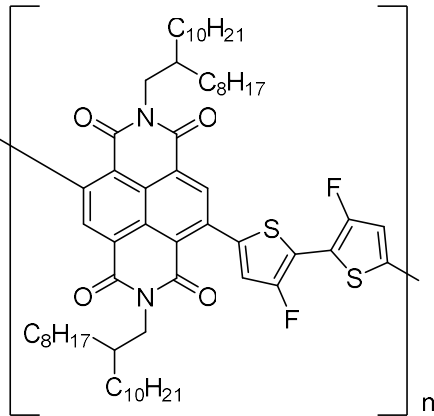
OMSM007	OMSM008
	
4-Iodo-N,N-dimethylaniline	4-Ethynyl-N,N-dimethylaniline
CAS: 698-70-4	CAS: 17573-94-3
OMSM009	OMSM010
	
4,4'-(1,2-Ethynediyl)bis[N,N-dimethylbenzenamine]	2,3-Bis[4-(dimethylamino)phenyl]-1,3-butadiene-1,1,4,4-tetracarbonitrile
CAS: 62063-67-6	CAS: 848749-42-8
OMSM011	OMSM012
	
9,9'-Spirobifluorene	2,2',7,7'-Tetrabromo-9,9'-spirobifluorene
CAS: 159-66-0	CAS: 128055-74-3
OMSM013	OMSM014
	
Perylene	1-Nitroperylene
CAS: 198-55-0	CAS: 35337-20-3



OMSM015	OMSM016
	
2,2',7,7'-Tetrakis[N,N-di(4-methoxyphenyl)amino]-9,9'-spirobifluorene	2,2',7,7'-Tetra(N,N-di-p-tolyl)amino-9,9'-spirobifluorene
CAS: 207739-72-8	CAS: 515834-67-0
OMSM017	OMSM018
	
2,2',7,7'-tetrakis(N,N-di-p-methoxyphenylamine)-9,9'-spirobifluorene di[bis(trifluoromethanesulfonyl)imid]	N <sup>4</sup> ,N <sup>4</sup> ,N <sup>4'</sup> ,N <sup>4'</sup> -Tetrakis(4-bromophenyl)-[1,1'-biphenyl]-4,4'-diamine
CAS: -	CAS: 113664-24-7
OMSM019	OMSM020
	
N <sup>4</sup> ,N <sup>4</sup> ,N <sup>4'</sup> ,N <sup>4'</sup> -Tetrakis(4-bromophenyl)-[1,1'-biphenyl]-4,4'-diammoniumdi[bis(trifluoromethylsulfonyl)imide]	1,4-Diethyl 2,5-dithieno[3,2-b]thien-2-yl-1,4-benzenedicarboxylate
CAS: -	CAS: 1411976-67-4



<b>Semiconducting Polymers</b>	
<b>OMPLY001</b>	<b>OMPLY002</b>
Poly[2,5-bis(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione-3,6-diyl]-alt-(2,2';5',2'';5'',2'''-quaterthiophen-5,5'''-diyl)]	Poly[2,5-(2-octyldodecyl)-3,6-diketopyrrolopyrrole-alt-5,5-(2,5-di(thien-2-yl)thieno[3,2-b]thiophene)]
CAS: 1267540-03-3	CAS: 1260685-66-2
<b>OMPLY003</b>	<b>OMPLY004</b>
Poly[[2,5-bis(2-decyltetradecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl]-(3'',4'-difluoro[2,2':5',2'':5'':2''':5''':2''''-quaterthiophene]-5,5'''-diyl)]	Poly(2,5-bis(2-octyldodecyl)-3,6-di(pyridin-2-yl)-pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione-alt-2,2'-bithiophene)
CAS: 1926166-46-2	CAS: 1455028-36-0

OMPLY005	OMPLY006
	
<p>Poly{[N,N'-bis(2-octyldodecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-5,5'-(2,2'-bithiophene)}</p>	<p>Poly{[N,N'-bis(2-hexyldecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-2,5-thiophene}</p>
<p>CAS: 1100243-40-0</p>	<p>CAS: 1675973-74-6</p>
OMPLY007	OMPLY008
	
<p>Poly{[N,N'-bis(2-hexyldecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-5,5'-(2,2'-bithiophene)}</p> <p>CAS: 1459168-70-7</p>	<p>Poly{[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diyl](3,3'-difluoro[2,2'-bithiophene]-5,5'-diyl)}</p> <p>CAS: 1773524-46-1</p>