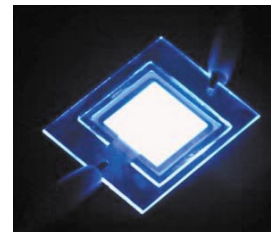


California Organic Semiconductors (Cal-OS)社は高品質、均質、低価格の有機半導体材料を製造・販売しています。特に有機エレクトロニクス分野の研究開発で長年培った、材料開発、製造技術、経験豊富な知識により顧客の問題解決において最良な解決策をご提案することが可能です。

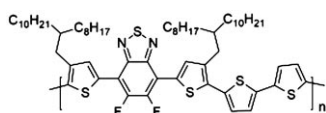
特長

- ・高効率(12%)、高モビリティ
- ・低分子、低バンドギャップ(1.3eV)
- ・高純度、均質、低価格
- ・ロールtoロールプロセスに適合

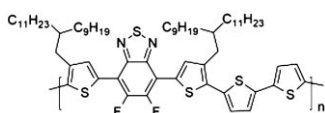


製品ラインナップ

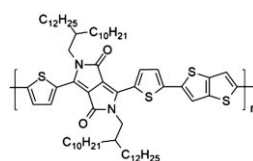
OPVDナー材料 (可溶性、可視光領域の吸収)



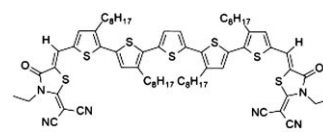
PffBT4T-2OD
Cat. DP0101
Mw=131 KDa
Mn=74 KDa



PffBT4T-C9C13
Cat. DP0102
Mw=149 KDa
Mn=86 KDa

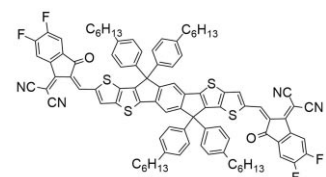


PDPP2T-TT
Cat. DP0301
HOMO: -5.2 eV
LUMO: -3.5 eV

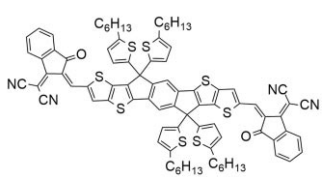


DRCN5T
Cat. DSM0101
HOMO: -5.22 eV
LUMO: -3.41 eV

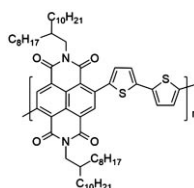
OPVアクセプタ材料 (非フラレン、フラレン)



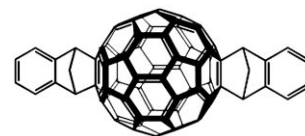
ITIC-DF
Cat. ASM0104
HOMO: -5.66 eV
LUMO: -4.14 eV



ITIC-Th
Cat. ASM0105
HOMO: -5.66 eV
LUMO: -3.93 eV

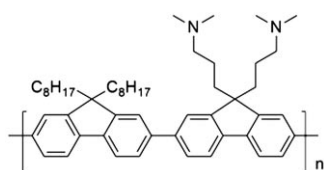


PNDI (2OD) 2T
Cat. AP0101
mobility: ~1 - 10 cm² / (V s)

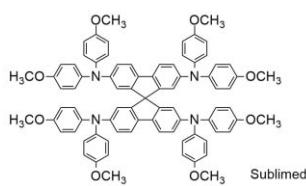


ICBA
Cat. AF003
純度>99.5%

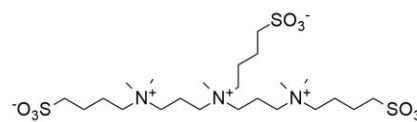
界面材料 (水溶性、昇華精製)



PFN
Cat. IM0101
10% efficiency

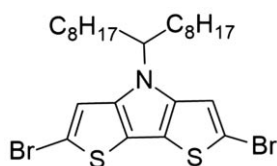


Spiro-OMeTAD
Cat. IM0201
CAS 207739-72-8

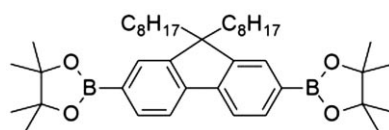


MSAPBS
Cat. IM0301

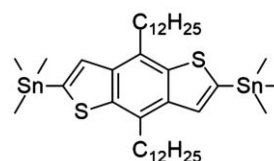
モノマー&中間体 (前駆体)



DTP-C17 (Br)
Cat. DTP003
純度>98%



FL-C17 (B)
Cat. FL001
純度>98%



BDT-C12 (Sn)
Cat. BDT005
純度>98%