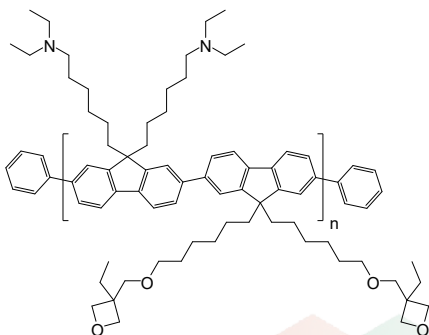


LT-N177 | PFN-OX

6,6'-(9',9'-Bis(6-(3-ethoxyethoxy)hexyl)-7,7'-diphenyl-9H,9'H-2,2'-bifluorene-9,9'-diyl)bis(N,N-diethylhexan-1-amine)

CAS No. : 1345045-27-3
 Grade : $M_w > 20,000$ (GPC)
 UV : 378 nm (in THF)
 Formula : $(C_{70}H_{102}N_2O_4)_n C_{12}H_{10}$
 Solubility : Soluble in THF, $CHCl_3$

Reference : *J. Mater. Chem. C*, 2014, 2, 3270-3277

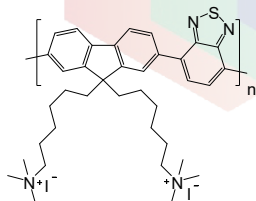


LT-N181 | PFNIBT

Poly(9,9-bis(6-trimethyl ammoniumiodide)-hexylfluorene-2,7-diyl-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl))

Grade : $M_w > 20,000$ (GPC)
 Formula : $(C_{37}H_{50}I_2N_4S)_n$
 UV : 317,448 (DMSO)
 Solubility : Soluble in MeOH

Reference : *Synthetic Metals* (2013), 167, 1-4

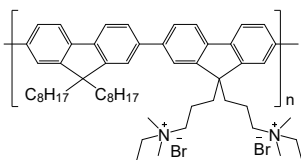


LT-N878 | PFNBr

Poly[(9,9-bis(3'-((N,N-dimethyl)-N-ethylammonium)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]

Grade : $M_w > 10,000$ (GPC)
 Formula : $(C_{56}H_{80}N_2Br)_n$
 UV : 375 nm (in MeOH)
 PL : 440 nm (in MeOH)
 Solubility : Soluble in MeOH

Reference : *Chem. Mater.*, 2004, 16, 708



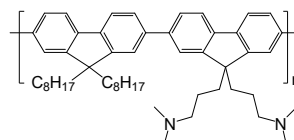
LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-((N,N-dimethylamino)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]

CAS No. : 673474-75-4
 Grade : $M_w > 10,000$ (GPC)
 Formula : $(C_{52}H_{70}N_2)_n$
 UV : 378 nm (in CH_2Cl_2)
 PL : 414 nm (in CH_2Cl_2)

Solubility : Soluble in CH_2Cl_2 , $CHCl_3$, Toluene

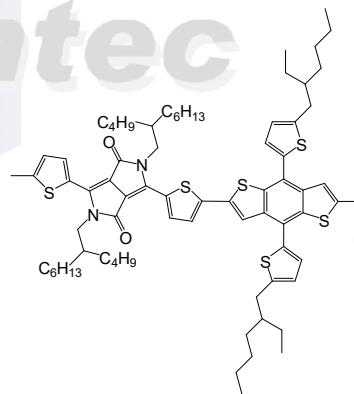
Reference : *Chem. Mater.*, Vol. 16, No. 4, 2004



LT-S9081 | PBDTT-DPP

Poly(2,6'-4,8-di(5-ethylhexylthienyl)benzo[1,2-b:3,4-b']dithiophene-*alt*-5-dibutylthiophene-3,6-bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4-dione)

CAS No. : 1380582-98-8
 Grade : $M_w > 50,000$ (GPC)
 Formula : $(C_{72}H_{94}N_2O_2S_6)_n$
 Solubility : Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



Lumtec

LT-S9161 | C₆₀-COOH-SAM

4-(1',5'-dihydro-1'-methyl-2'H-[5,6]fullereno-C₆₀-1h-[1,9-c]pyrrol-2'-yl) benzoic acid

CAS No. : 631918-72-4

Grade : > 99%

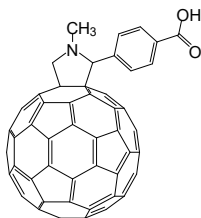
Formula : C₇₀H₁₁NO₂

M.W. : 897.84 g/mole

UV : 345 nm (in CH₂Cl₂)

Reference : 1. *Journal of Physical Chemistry Letters* (2015), 6(12), 2399-2405

2. *ACS Nano* (2014), 8(12), 12701-12709



LT-S9170 | p-Me-Spiro-MeOTAD

2,2',7,7'-Tetrakis(4,4'-dimethoxy-3-methyldiphenylamino)-9,9'-spirobifluorene

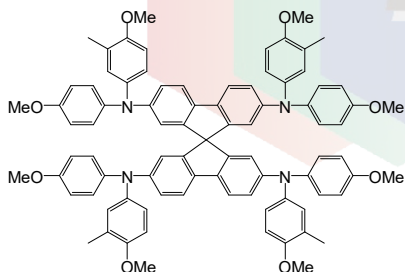
CAS No. : 1573202-31-9

Grade : > 99% (HPLC)

Formula : C₈₅H₇₆N₄O₈

M.W. : 1281.53 g/mole

UV : 306, 385 nm (in CH₂Cl₂)



LT-S9499 | PCP-Na

Poly[2,6-(4,4-bis-(propane-1-sulfonate sodium)-4H-cyclopenta[2,1-b;3,4-b']dithiophene)-alt-(4,4'-biphenyl)]

Grade : Mw > 10000

Formula : (C₂₇H₂₂Na₂O₆S₄)_n

M.W. : 616.72 g/mole

PCE : 16.27%

