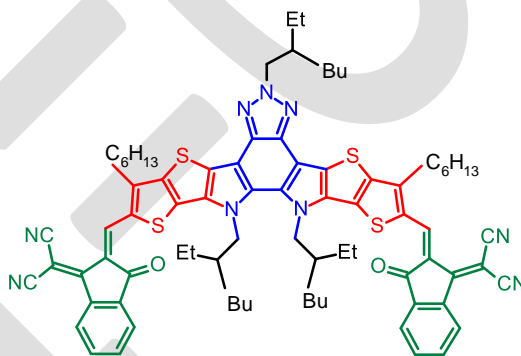


Organic Nano Electronic (ONE=1) Materials for those who under standard quality

Certificate of Analysis

1M Material: Y18-0F
 Application: Electron acceptor for OPV
 Chemical Name: 2,2'-((2Z,2'Z)-((6,12,13-tris(2-ethylhexyl)-3,9-dihexyl-12,13-dihydro-6Hthieno[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-diyl)bis(methanylylidene))bis(3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

Chemical Structure:



Lot# DW6183P
 Appearance: Shine purple-black solid
 NMR: Confirmed (NMR)
 Purity: 99+ %
 Solubility: soluble in chloroform and selected solvents

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