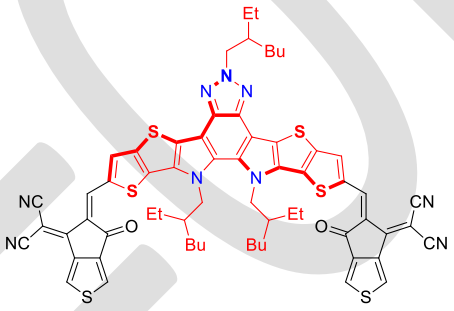
1-Material Inc
2290 Chemin St-Francois
Dorval, Quebec
H9P 1K2, Canada

Certificate of Analysis

Common Name:	Y2
1M Code:	OS1178
Chemical Formula:	$C_{68}H_{59}N_9O_2S_6$; Mw: 1178.60
	2,2'-((5Z,5'Z)-((6,12,13-tris(2-ethylhexyl)-12,13-dihydro-6*H*-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-diyl)bis(methanylylidene))bis(6-oxo-5,6-dihydro-4*H*-cyclopenta[*c*]thiophene-5,4-diylidene))dimalononitrile
Chemical Structure	
Lot#	DW5268P
Appearance:	Reddish brown solid
Solubility:	Soluble $CHCl_3$, and selected organic solvent
NMR:	Confirmed
Assay:	99%
Application:	Electron acceptor: HOMO=-5.43eV LUMO= -4.04eV
Reference:	NATURE COMMUNICATIONS, (2019) 10:570

1-OLED