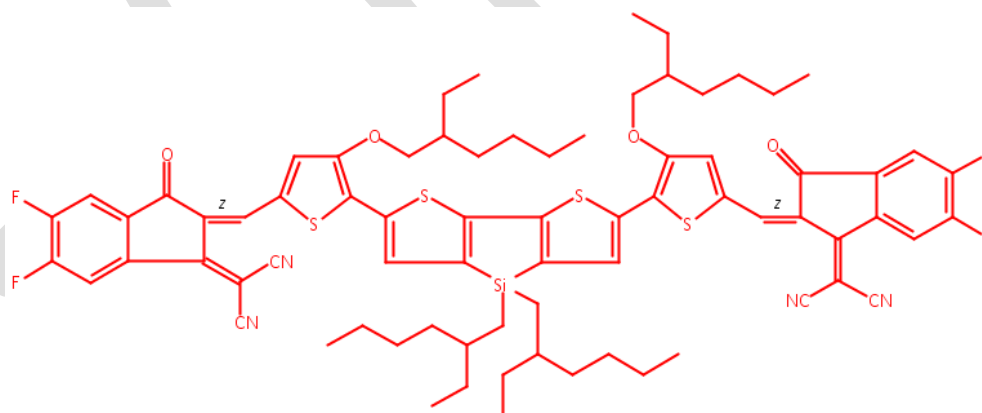


Technical Data Sheet

1M Material:	Custom Made: SiOTIC-4F
Common Name:	SiOTIC-4F
Chemical Name:	bis-2,2'-[[4,4-bis(2-ethylhexyl)-4 <i>H</i> -silolo[3,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-2,6-diyl]bis[[4-[(2-ethylhexyl)oxy]-5,2-thiophenediyl]-(<i>Z</i>)-methylidene(5,6-difluoro-3-oxo-1 <i>H</i> -indene-2,1(3 <i>H</i>)-diylidene)]]- Propanedinitrile
CAS No.:	2328118-93-8
Molecular Weight:	1319.77

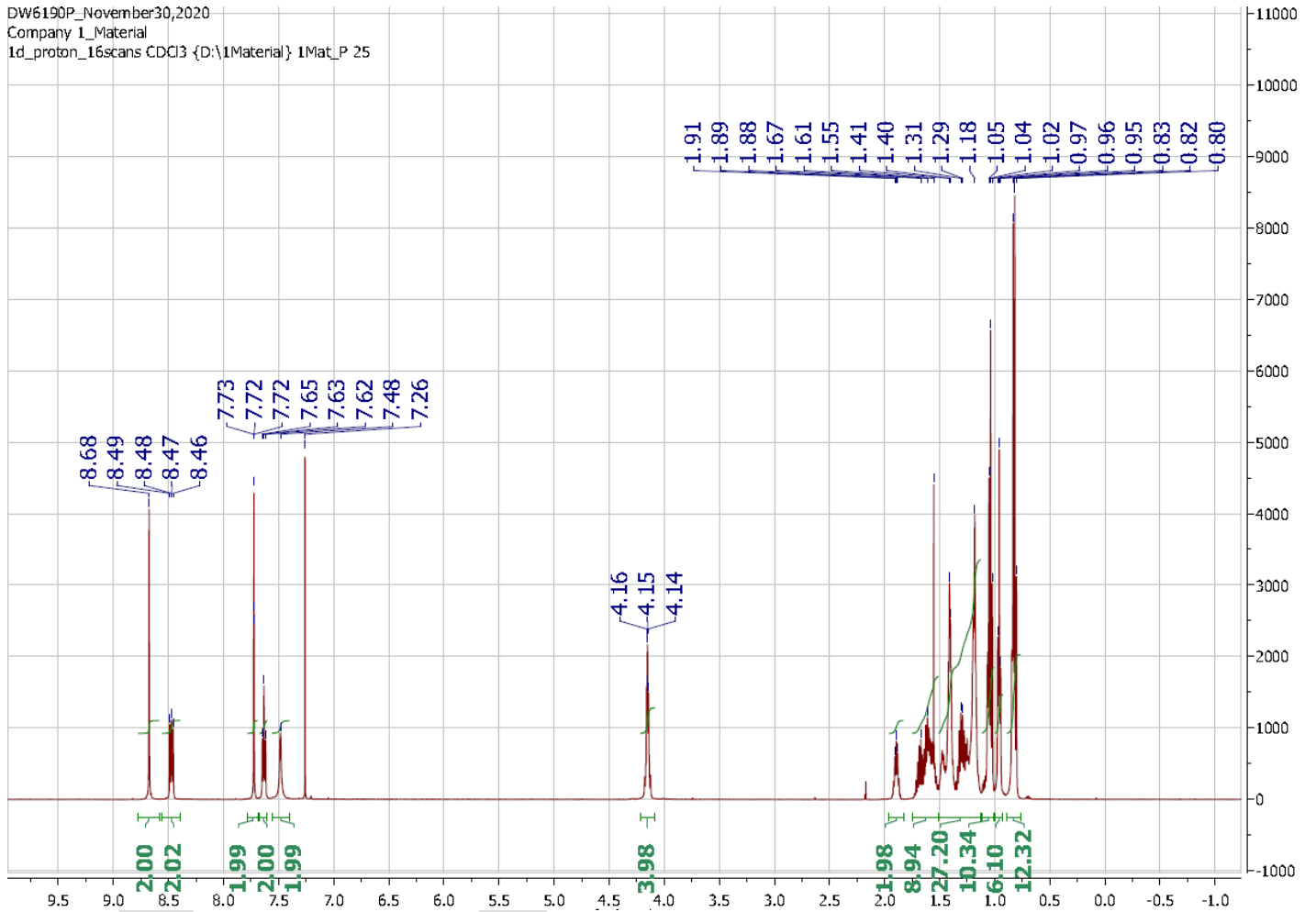
Chemical Structure:



Appearance:	Solid, deep blue to black
NMR:	Structure confirmed
Assay:	98+% (by NMR)
Solubility:	Soluble in chloroform, CB, ODCB and selected solvent.

Appendix

NMR (Lot# DW6190P



Reference:

Bandgap Narrowing in Non-Fullerene Acceptors: Single Atom Substitution Leads to High Optoelectronic Response Beyond 1000 nm

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