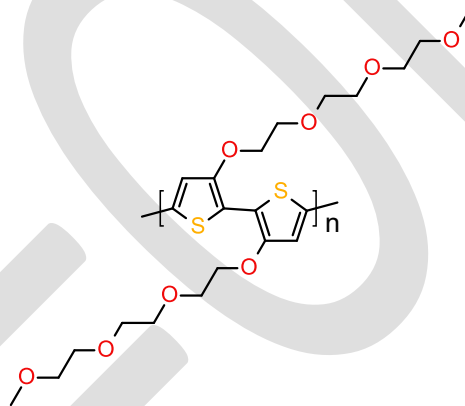


Certificate of Analysis

1M Material: OS0762; Electron-ion conducting polymer for OECT and bioEL
Common Name: P(g₄2T), gT2, g2T
Chemical Name: Poly[3,3'-bis-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy][2,2'-bithiophene]-5,5'-diyl]
CAS No.: 2271370-76-2
Molecular Formula: (C₂₂H₃₂O₈S₂)_n
Chemical Structure:



Lot No.: SX12211
Appearance: Deep red to purple solid
Solubility: Soluble in most common solvents including DCM, chloroform, THF
Partially soluble in methanol, acetone, ethyl acetate
Not soluble in hexanes
Molecular weight: Mw ~60K; PDI~2.0
Structure confirmation: NMR of monomers
Purity: ~99% (basing on NMR of monomers)

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