

Solution processible n-Type super conducting polymer, n-PBFDO (n-PBDF)



1-Material Inc

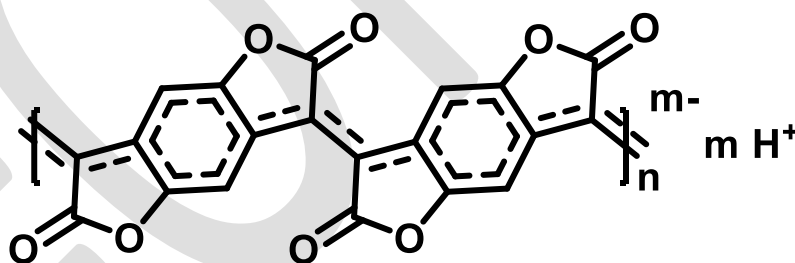
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Organic Nano Electronic (ONE=1) Materials for those who understand quality

Certificate Of Analysis

1M Material: n-PBFDO ink
Common Name: Poly(benzodifurandione) (PBFDO), n-PBFDO, n-PBDF
Potential Applications: Printable n-Type superconductive solution for flexible electrodes, capacitors, electrochromic, batteries, energy storage, bioelectronics, OEET, OPV, OPD, EMS, and thermoelectric devices.

Chemical Structure:



Lot No.: 1MH110F25-E
Appearance: Black liquid
Viscosity(mPa.s@25°C): 70 (Rotary Viscometer)
Solid content(mg/ml): 6.1 ± 0.3
Solvent (1/1): Ethanol and Dimethyl Sulfoxide (DMSO)
Conductivity(S/cm) ~ 1735 (optimal)
Storage suggestion: keep at cool $\sim 5^\circ\text{C}$, dark and dry
Use suggestion: Shake well before using

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