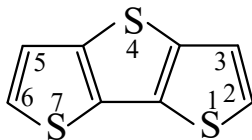




>>Entry Name: Dithieno[3,2-*b*:2',3'-*d*]thiophene, 9Cl

Synonym(s): Thieno[3,2-*b*:4,5-*b'*]dithiophene



CAS Registry Number: 3593-75-7

Molecular Formula: C₈H₄S₃

Molecular Weight: 196.318

Accurate Mass: 195.94751

Percentage Composition: C 48.95%; H 2.05%; S 49.00%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 66-67°

Boiling Point: Bp_{1.8} 134-138°

>>Derivative: Picrate

Physical Description: Red needles (EtOH)

Melting Point: Mp 128.5-130°

References:

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de Jong, F. *et al.*, *J.O.C.*, 1971, **36**, 1645

Bertinelli, F. *et al.*, *J. Phys. Chem.*, 1983, **87**, 2317, (*cryst struct, ir, uv, Raman*)

Lundli, B. *et al.*, *Spectrochim. Acta A*, 1989, **45**, 1117, (*ir, Raman*)

Sato, N. *et al.*, *J.C.S. Perkin 2*, 1992, 765, (*pe*)