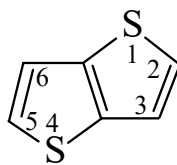




>>Entry Name: Thieno[3,2-*b*]thiophene

Synonym(s): Solid thiophthene. 1,4-Dithiapentalene



CAS Registry Number: 251-41-2

Molecular Formula: C₆H₄S₂

Molecular Weight: 140.23

Accurate Mass: 139.97544

Percentage Composition: C 51.39%; H 2.87%; S 45.73%

Melting Point: Mp 55.5-60°

>>Derivative: Picrate

Melting Point: Mp 145-146°

References:

Cox, E.G. *et al.*, *Acta Cryst.*, 1949, **2**, 356, (*cryst struct*)

Challenger, F. *et al.*, *J.C.S.*, 1953, 1837, (*synth*)

Gol'dfarb, Y.L. *et al.*, *Chem. Scr.*, 1974, **5**, 49, (*synth*)

Litvinov, V.P. *et al.*, *Adv. Heterocycl. Chem.*, 1976, **19**, 123, (*rev*)

Klemm, L.H. *et al.*, *J. Het. Chem.*, 1984, **21**, 785, (*synth, bibl*)

Fuller, L.S. *et al.*, *J.C.S. Perkin 1*, 1997, 3465-3470, (*synth, pmr*)