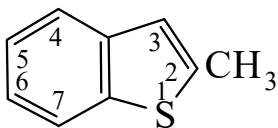




>>Entry Name: 2-Methylbenzo[*b*]thiophene, 9CI

Synonym(s): 2-Methylthianaphthene



CAS Registry Number: 1195-14-8

Molecular Formula: C₉H₈S

Molecular Weight: 148.228

Accurate Mass: 148.03467

Percentage Composition: C 72.93%; H 5.44%; S 21.63%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 51-52°

Aldrich: 46745-6

>>Derivative: Picrate

Melting Point: Mp 108-109°

References:

- v. Auwers, K., *J. Prakt. Chem.*, 1924, **108**, 321
Hansch, C. *et al.*, *J.A.C.S.*, 1948, **70**, 1561
Shirley, D.A. *et al.*, *J.A.C.S.*, 1952, **74**, 664
Porter, G.N., *Aust. J. Chem.*, 1967, **20**, 103, (*ms*)
Platzer, N. *et al.*, *Bull. Soc. Chim. Fr.*, 1974, 905, (*cmr*)
Sutherland, H.H. *et al.*, *Acta Cryst. C*, 1985, **41**, 929, (*cryst struct*)
Watanabe, M. *et al.*, *J. Het. Chem.*, 1991, **28**, 173, (*synth*)
Kearney, P.C. *et al.*, *J.A.C.S.*, 1993, **115**, 9907, (*synth*)
Myers, A.W. *et al.*, *J.A.C.S.*, 1995, **117**, 11704, (*synth, pmr, cmr*)