



>>Entry Name: 5-Methylbenzo[*b*]thiophene, 9CI

Synonym(s): 5-Methylthianaphthene

CAS Registry Number: 14315-14-1

Molecular Formula: C₉H₈S

Molecular Weight: 148.228

Accurate Mass: 148.03467

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

Melting Point: Mp 19-22°. Mp 37-38°

Boiling Point: Bp_{0.6} 66-67°

Density: d₄²² 1.111

Refractive Index: n_D²² 1.6070

References:

v. Auwers, K., *Annalen*, 1915, **408**, 287

Tarbell, D.S. *et al.*, *J.A.C.S.*, 1945, **67**, 1643

Krollpfeiffer, F. *et al.*, *Annalen*, 1950, **566**, 139

Noyce, D.S. *et al.*, *J.O.C.*, 1974, **39**, 2828