



>>Entry Name: 6-Methylbenzo[*b*]thiophene, 9Cl

Synonym(s): 6-Methylthianaphthene

CAS Registry Number: 16587-47-6

Molecular Formula: C₉H₈S

Molecular Weight: 148.228

Accurate Mass: 148.03467

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

Physical Description: Needles (MeOH aq. or petrol)

Melting Point: Mp 42-42.5°

Boiling Point: Bp₁₃ 110-115°

>>Derivative: Picrate

Melting Point: Mp 114.5-115.5°

References:

Tarbell, D.S. *et al.*, *J.A.C.S.*, 1946, **68**, 1456

Elvidge, J.A. *et al.*, *J.C.S.*, 1964, 981; 1961