



>>Entry Name: 3-Phenylthiophene, 9CI

CAS Registry Number: 2404-87-7

Molecular Formula: C₁₀H₈S

Molecular Weight: 160.239

Accurate Mass: 160.03467

Percentage Composition: C 74.96%; H 5.03%; S 20.01%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 92°

Boiling Point: Bp₇₂₅ 254-260°

Other Data: Steam-volatile

Aldrich: 39904-3

References:

Tamao, K. *et al.*, *Tetrahedron*, 1982, **38**, 3347, (*synth*)

Montheard, J.P. *et al.*, *Synth. Commun.*, 1984, **14**, 289, (*synth*)

Sone, T. *et al.*, *Bull. Chem. Soc. Jpn.*, 1988, **61**, 3779, (*synth, pmr, uv*)

Marwah, P. *et al.*, *Synth. Commun.*, 1989, **19**, 2809, (*synth*)

Kirsch, G. *et al.*, *Synth. Commun.*, 1994, **24**, 1721, (*synth, pmr*)