



>>Entry Name: 9-Iodophenanthrene

CAS Registry Number: 17024-12-3

Molecular Formula: C₁₄H₉I

Molecular Weight: 304.13

Accurate Mass: 303.974898

Percentage Composition: C 55.29%; H 2.98%; I 41.73%

Physical Description: Pale-yellow needles (EtOH)

Melting Point: Mp 91-92°

Boiling Point: Bp₄ 190-205°

Aldrich: 38935-8

References:

Goldberg, M.A. *et al.*, *J.A.C.S.*, 1947, **69**, 260, (*synth*)

Bartle, K.D. *et al.*, *Spectrochim. Acta A*, 1967, **23**, 1715, (*pmr*)

Grutzmacher, H.F. *et al.*, *Annalen*, 1969, **726**, 47, (*ms*)

Miller, J.C. *et al.*, *J.A.C.S.*, 1977, **99**, 8175, (*synth*)