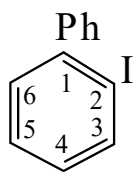




>>Entry Name: 2-Iodobiphenyl, 8Cl



CAS Registry Number: 2113-51-1

Molecular Formula: C₁₂H₉I

Molecular Weight: 280.108

Accurate Mass: 279.974898

Percentage Composition: C 51.46%; H 3.24%; I 45.31%

Physical Description: Oil

Boiling Point: Bp₁₈ 177-178°. Bp₄ 130-134°

>>Derivative: Dichloride

Melting Point: Mp 115-116 dec.°

References:

Koyama, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1964, **37**, 478, (*synth*)

Evnin, A.B. *et al.*, *J.A.C.S.*, 1967, **89**, 952, (*uv, ir, pmr*)

Safe, S., *Org. Mass Spectrom.*, 1971, **5**, 1221, (*ms*)

Ibuki, E. *et al.*, *Bull. Chem. Soc. Jpn.*, 1975, **48**, 1868, (*synth*)

Wu, R. *et al.*, *J.O.C.*, 1996, **61**, 6906, (*synth, ir, pmr, cmr*)