



>>Entry Name: 4-Iodobiphenyl, 8Cl

CAS Registry Number: 1591-31-7

Molecular Formula: C₁₂H₉I

Molecular Weight: 280.108

Accurate Mass: 279.974898

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

Physical Description: Cryst. (EtOH or AcOH)

Melting Point: Mp 113-114°

Boiling Point: Bp₁ 183° (198°)

Rare Chemicals Library: S65493-0

>>Derivative: Dichloride

Physical Description: Yellow needles (CHCl₃)

Melting Point: Mp 102 dec.°

References:

Cazes, J., *Appl. Spectrosc.*, 1965, **19**, 34, (*ir*)

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

Suzuki, H. *et al.*, *Nippon Kagaku Zasshi*, 1971, **92**, 1021; *CA*, **76**, 126650, (*synth*)

Schulman, E.M. *et al.*, *J.O.C.*, 1974, **39**, 2686, (*cmr*)

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