



>>Entry Name: 1-Iodo-4-nitrobenzene

Synonym(s): *p*-Iodonitrobenzene

CAS Registry Number: 636-98-6

Molecular Formula: C₆H₄INO₂

Molecular Weight: 249.008

Accurate Mass: 248.928677

Percentage Composition: C 28.94%; H 1.62%; I 50.96%; N 5.63%; O 12.85%

Physical Description: Yellow needles (C₆H₆/petrol)

Melting Point: Mp 174°

Boiling Point: Bp₇₇₂ 289°

Aldrich: I-980-5

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 695C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1340C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1192A, (*ir*)

Silbert, L.S. *et al.*, *J.O.C.*, 1968, **33**, 3670, (*synth*)

Exner, O. *et al.*, *Coll. Czech. Chem. Comm.*, 1972, **37**, 2156, (*ir*)

Tomasik, P., *CA*, 1973, **79**, 52427, (*uv*)

Sedov, A.M. *et al.*, *CA*, 1976, **84**, 164311, (*synth*)

Brunvoll, J. *et al.*, *Acta Chem. Scand.*, 1990, **44**, 23, (*struct*)

Smith, W.B. *et al.*, *J.O.C.*, 1990, **55**, 2543, (*synth, pmr, cmr*)