



>>Entry Name: 1-Iodo-3-methylbenzene

Synonym(s): 3-Iodotoluene

CAS Registry Number: 625-95-6

Molecular Formula: C₇H₇I

Molecular Weight: 218.037

Accurate Mass: 217.959248

Percentage Composition: C 38.56%; H 3.24%; I 58.20%

Melting Point: Mp 28°

Boiling Point: Bp 213°. Bp₁₀ 80-82°

Aldrich: 13073-7

Fluka: 58100

>>Derivative: Dichloride

Melting Point: Mp 104-105°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 80C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 985B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 902D, (*ir*)

Aldrich Library of IR Spectra, 2nd Ed., 529G, (*ir*)

Nichol, J.C. *et al.*, *J.A.C.S.*, 1945, **67**, 1307

Felix, G. *et al.*, *Angew. Chem., Int. Ed.*, 1977, **16**, 488

Shapiro, B.L. *et al.*, *J. Phys. Chem. Ref. Data*, 1977, **6**, 919, (*nmr*)