



>>Entry Name: **1,3-Diiodopropane**, 9CI

Synonym(s): Trimethylene iodide

CAS Registry Number: 627-31-6

ICH2CH2CH2I

Molecular Formula: C3H6I2

Molecular Weight: 295.889

Accurate Mass: 295.855896

Percentage Composition: C 12.18%; H 2.04%; I 85.78%

Physical Description: Liq.

Melting Point: Mp -20°

Boiling Point: Bp 224° part. dec.. Bp₁₉ 110°

Density: d^{15}_D 2.517

Refractive Index: n_D^{15} 1.6363

Hazard & Toxicity: Irritant

Aldrich: 23841-4

Fluka: 38090

References:

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 75B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 74A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 105C, (*ir*)

Sadtler Standard C-13 NMR Spectra, 1163, (*cmr*)

Haszeldine, R.N., *J.C.S.*, 1953, 1764-1771, (*uv*)

Schubert, W.M. *et al.*, *J.A.C.S.*, 1957, **79**, 381-385, (*synth*)

Foltz, R.L. *et al.*, *Lipids*, 1969, **4**, 225-227, (*ms*)

Thorbjørnsrud, J. *et al.*, *J. Mol. Struct.*, 1973, **15**, 61-76, (*ir, Raman*)

Estienne, J. *et al.*, *J. Appl. Electrochem.*, 1990, **20**, 692-700, (*pmr*)