



>>Entry Name: 1-Iodohexane, 9CI, 8CI

Synonym(s): *n*-Hexyl iodide

CAS Registry Number: 638-45-9

$\text{H}_3\text{C}(\text{CH}_2)_4\text{CH}_2\text{I}$

Molecular Formula: $\text{C}_6\text{H}_{13}\text{I}$

Molecular Weight: 212.073

Accurate Mass: 212.006198

Percentage Composition: C 33.98%; H 6.18%; I 59.84%

Melting Point: Fp -74.2°

Boiling Point: Bp 180° . Bp₂₃ 73°

Density: d_4^{20} 1.4414

Aldrich: 23828-7

Fluka: 57890

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 86C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 58D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 86C, (*ir*)

Org. Synth., 1971, **51**, 44, (*synth*)

Sato, F. *et al.*, *J. Organomet. Chem.*, 1976, **122**, 25, (*synth*)

Rolla, F. *et al.*, *Naturwissenschaften*, 1977, **64**, 337, (*synth*)

Sevrin, M. *et al.*, *Angew. Chem., Int. Ed.*, 1978, **17**, 526, (*synth*)