



>>Entry Name: 1-Iodo-2,2-dimethylpropane, 9CI, 8CI

Synonym(s): Neopentyl iodide

CAS Registry Number: 15501-33-4

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

Molecular Formula: $\text{C}_5\text{H}_{11}\text{I}$

Molecular Weight: 198.046

Accurate Mass: 197.990548

Percentage Composition: C 30.32%; H 5.60%; I 64.08%

Physical Description: Liq.

Boiling Point: Bp_{100} 70-72°

Solubility: Sol. Et_2O , insol. in, and slowly hydr. by, H_2O

Density: d_4^{20} 1.494

Aldrich: 30108-6

Fluka: 40728

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 102C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 98D, (*ir*)

Whitmore, F.C. *et al.*, *J.A.C.S.*, 1939, **61**, 1585, (*synth*)

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

King, J.F. *et al.*, *J.A.C.S.*, 1978, **100**, 1637, (*synth*)