



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

Synonym(s): Decyl iodide

CAS Registry Number: 2050-77-3

$\text{H}_3\text{C}(\text{CH}_2)_8\text{CH}_2\text{I}$

Molecular Formula: $\text{C}_{10}\text{H}_{21}\text{I}$

Molecular Weight: 268.18

Accurate Mass: 268.068798

Percentage Composition: C 44.79%; H 7.89%; I 47.32%

Physical Description: Liq.

Boiling Point: Bp_{15} 132°

Density: d_4^{20} 1.2567

Aldrich: 23825-2

Fluka: 57825

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 90C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 62A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 89D, (*ir*)

Krafft, F., *Ber.*, 1892, **19**, 2218, (*synth*)

Komppa, G. *et al.*, *J. Prakt. Chem.*, 1932, **135**, 193, (*synth*)

Sevrin, M. *et al.*, *Tet. Lett.*, 1976, 2647, (*synth*)

Jung, M.E. *et al.*, *Tet. Lett.*, 1977, 2659, (*synth*)