



>>Entry Name: 1-Chloro-3-iodopropane, 9CI

CAS Registry Number: 6940-76-7

ClCH2CH2CH2I

Molecular Formula: C_3H_6ClI

Molecular Weight: 204.438

Accurate Mass: 203.920275

Percentage Composition: C 17.63%; H 2.96%; Cl 17.34%; I 62.07%

Physical Description: Liq.

Boiling Point: Bp 170-172°. Bp₁₀ 57°

Density: d^{20}_4 1.904

Refractive Index: n^{20}_D 1.5472

Aldrich: 23447-8

Fluka: 24925

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **1**, 109A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 73D, (*ir*)

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

Henry, L., *Bull. Soc. Chim. Fr.*, 1897, **17**, 93

Case, F.H., *J.A.C.S.*, 1933, **55**, 2929, (*synth*)

Hass, H.B. *et al.*, *J.A.C.S.*, 1941, **63**, 1233, (*synth*)

Lumb, P.B. *et al.*, *J.C.S.*, 1952, 5032, (*synth*)

Corey, E.J. *et al.*, *J.O.C.*, 1967, **32**, 4160, (*synth*)

Militzer, H.-C. *et al.*, *Synthesis*, 1993, 998, (*synth*)