



>>Entry Name: Chloriodomethane

CAS Registry Number: 593-71-5

ClCH_2I

Molecular Formula: CH_2ClI

Molecular Weight: 176.384

Accurate Mass: 175.888975

Percentage Composition: C 6.81%; H 1.14%; Cl 20.10%; I 71.95%

Biological Source: Isol. from phytoplankton and various marine algae

Use/Importance: Versatile organic synthon. Commercially available

Physical Description: Liq.

Boiling Point: Bp 108-109° (104-105°)

Aldrich: 24286-1

Fluka: 24920

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 71C, (*ir*)

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 105C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 102C, (*ir*)

Miyano, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1971, **44**, 2864, (*synth, pmr*)

Hahn, R.C., *J.O.C.*, 1988, **53**, 1331, (*synth, bibl, use*)

Gribble, G.W., *Prog. Chem. Org. Nat. Prod.*, 1996, **68**, 1, (*occur*)