



>>Entry Name: 1-Chloro-2-methoxyethane, 9CI

Synonym(s): 2-Chloroethyl methyl ether

CAS Registry Number: 627-42-9

ClCH₂CH₂OMe

Molecular Formula: C₃H₇ClO

Molecular Weight: 94.54

Accurate Mass: 94.018542

Percentage Composition: C 38.11%; H 7.46%; Cl 37.50%; O 16.92%

Boiling Point: Bp 92-93°

Solubility: Mod. sol. H₂O

Density: d₄¹⁵1.041

Aldrich: 24234-9

Fluka: 23045

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 327B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 209D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 274B, (*ir*)

Bennet, G.M. *et al.*, *J.C.S.*, 1929, 270, (*synth*)

Swallen, L.C. *et al.*, *J.A.C.S.*, 1970, **52**, 653, (*synth*)

Movsumzade, M.M. *et al.*, *CA*, 1974, **80**, 59543j, (*synth*)