



>>Entry Name: (Methoxymethyl)trimethylsilane, 9CI
ENTRY UNDER REVIEW

CAS Registry Number: 14704-14-4
Me3SiCH2OMe

Molecular Formula: C5H14OSi

Molecular Weight: 118.25

Accurate Mass: 118.081392

Percentage Composition: C 50.79%; H 11.93%; O 13.53%; Si 23.75%

Source/Synthesis: Synth. from Na + Me3SiCH2Cl + MeOH

Physical Description: Liq.

Boiling Point: Bp 83°

Density: d_4^{25} 0.76

Refractive Index: n_D^{25} 1.3878

Aldrich: 27771-1

Fluka: 65097

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 656C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1640B, (*ir*)

Speier, J.L., *J.A.C.S.*, 1948, **70**, 4142, (*synth*)

Dyer, J. *et al.*, *Spectrochim. Acta*, 1970, **26**, 1045, (*pmr*, Si-29 *nmr*)

Bellama, J.M. *et al.*, *Inorg. Chem.*, 1975, **14**, 3119, (*ir*, *pmr*)