



>>Entry Name: Ethenylethoxydimethylsilane, 9CI

Synonym(s): Ethoxydimethylvinylsilane

CAS Registry Number: 5356-83-2

$\text{H}_2\text{C}=\text{CHSiMe}_2\text{OEt}$

Molecular Formula: $\text{C}_6\text{H}_{14}\text{OSi}$

Molecular Weight: 130.261

Accurate Mass: 130.081392

Percentage Composition: C 55.32%; H 10.83%; O 12.28%; Si 21.56%

Source/Synthesis: Synth. from $\text{H}_2\text{C}=\text{CHSiMe}_2\text{Cl}$ + EtOH

Physical Description: Liq.

Boiling Point: Bp 99°

Density: d_4^{20} 0.79

Aldrich: 25818-0

Fluka: 41758

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 659B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 1094C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1641B, (*ir*)

Cohen, M. *et al.*, *J.A.C.S.*, 1953, **75**, 988, (*synth*)

Knizek, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1963, **28**, 3079, (*ir*)

Schraml, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1966, **31**, 503, (*pmr*)

Rakita, P.E. *et al.*, *J. Organomet. Chem.*, 1977, **139**, 135, (*cmr*)

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