



>>Entry Name: (Ethenyloxy)trimethylsilane, 9CI

Synonym(s): Trimethyl(vinyloxy)silane. Trimethylsilyl vinyl ether. Ethenyl trimethylsilyl ether

CAS Registry Number: 6213-94-1

$\text{Me}_3\text{SiOCH}=\text{CH}_2$

Molecular Formula: $\text{C}_5\text{H}_{12}\text{OSi}$

Molecular Weight: 116.235

Accurate Mass: 116.065742

Percentage Composition: C 51.67%; H 10.41%; O 13.76%; Si 24.16%

Source/Synthesis: Synth. by thermol. of Acetyltrimethylsilane [FJP99-S](#)

Physical Description: Liq.

Boiling Point: Bp 74-75°

Density: d_4^{20} 0.77

Refractive Index: n_D^{20} 1.3880

Aldrich: 41501-4

References:

Nesmeyanov, A.N. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1959, **128**, 551; *CA*, **54**, 7537, (*synth*)

Lazarev, A.N. *et al.*, *Spectrochim. Acta*, 1971, **27**, 2291, (*ir, Raman*)

Dedier, J. *et al.*, *J. Organomet. Chem.*, 1974, **81**, 161, (*ir, Raman*)

Bassindale, A.R. *et al.*, *J. Organomet. Chem.*, 1975, **94**, C21, (*synth*)

Shi, G. *et al.*, *J.O.C.*, 1990, **55**, 3383, (*use*)