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>>Entry Name: 1,1,3,3-Tetraethoxy-1,3-dimethyldisiloxane, 9CI

Synonym(s): Oxybis[diethoxymethylsilane]

CAS Registry Number: 18001-60-0

$(\text{EtO})_2\text{SiMeOSiMe}(\text{OEt})_2$

Molecular Formula:  $\text{C}_{10}\text{H}_{26}\text{O}_5\text{Si}_2$

Molecular Weight: 282.483

Accurate Mass: 282.131879

Percentage Composition: C 42.52%; H 9.28%; O 28.32%; Si 19.88%

Source/Synthesis: Synth. from  $\text{MeSiCl}_3$  + EtOH, or by partial hydrol. of  $\text{MeSi}(\text{OEt})_3$

Boiling Point:  $\text{Bp}_{20}$  100-105°

Refractive Index:  $n_D^{25}$  1.3886

**References:**

Nagel, R. *et al.*, *J.O.C.*, 1952, **17**, 1400-1404, (*synth*)

Sprung, M.M. *et al.*, *J.A.C.S.*, 1955, **77**, 3990-3996, (*synth*)

Okawara, R. *et al.*, *Bull. Chem. Soc. Jpn.*, 1958, **31**, 154-157, (*ir*)