



>>Entry Name: 1,3-Diethoxy-1,1,3,3-tetramethyldisiloxane, 9CI

CAS Registry Number: 18420-09-2

EtOSiMe₂OSiMe₂OEt

Molecular Formula: C₈H₂₂O₃Si₂

Molecular Weight: 222.431

Accurate Mass: 222.110749

Percentage Composition: C 43.20%; H 9.97%; O 21.58%; Si 25.25%

Source/Synthesis: Synth. from Me₂SiCl₂ + EtOH

Physical Description: Liq.

Melting Point: Mp -134°

Boiling Point: Bp 161°

Density: d²⁰ 0.88

Refractive Index: n_D²⁰ 1.3880

References:

Krieble, R.H. *et al.*, *J.A.C.S.*, 1947, **69**, 2689-2692, (*synth*)

Fletcher, H.J. *et al.*, *J.A.C.S.*, 1949, **71**, 2918-2922, (*synth*)

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