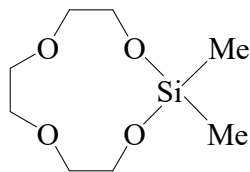




>>Entry Name: **2,2-Dimethyl-1,3,6,9-tetraoxa-2-silacycloundecane**, 10CI

Synonym(s): 1,1-Dimethylsila-11-crown-4



CAS Registry Number: 18339-94-1

Molecular Formula: $\text{C}_8\text{H}_{18}\text{O}_4\text{Si}$

Molecular Weight: 206.313

Accurate Mass: 206.097437

Percentage Composition: C 46.57%; H 8.79%; O 31.02%; Si 13.61%

Source/Synthesis: Synth. from $\text{HO}(\text{CH}_2\text{CH}_2\text{O})_2\text{CH}_2\text{CH}_2\text{OH}$ + $\text{Me}_2\text{Si}(\text{NMe}_2)_2$

Boiling Point: $\text{Bp}_{0.8}$ 85°

Density: d_4^{20} 1.05

Refractive Index: n_D^{20} 1.4275

References:

Burkhard, C.A. *et al.*, *J.A.C.S.*, 1947, **69**, 2687-2689, (*synth*)

Phung, H.T. *et al.*, *Z. Anorg. Allg. Chem.*, 1981, **472**, 75-82, (*synth*)