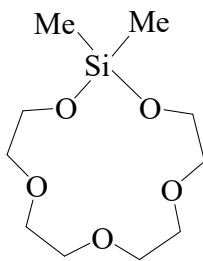




>>Entry Name: 2,2-Dimethyl-1,3,6,9,12-pentaoxa-2-silacyclotetradecane, 10CI

Synonym(s): 1,1-Dimethylsila-14-crown-5



CAS Registry Number: 70851-49-9

Molecular Formula: $C_{10}H_{22}O_5Si$

Molecular Weight: 250.366

Accurate Mass: 250.123652

Percentage Composition: C 47.97%; H 8.86%; O 31.95%; Si 11.22%

Source/Synthesis: Synth. from $Me_2Si(OEt)_2 + HO(CH_2CH_2O)_4H$

Boiling Point: $B_{p0.5}$ 125-130°

References:

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

Arkles, B. *et al.*, *Organometallics*, 1983, **2**, 454-457, (*synth*)