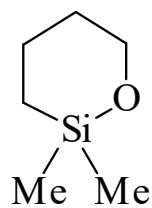




>>Entry Name: **2,2-Dimethyl-1-oxa-2-silacyclohexane**, 9CI

Synonym(s): 2,2-Dimethylperhydro-1,2-oxasilin



CAS Registry Number: 5833-47-6

Molecular Formula: C₆H₁₄OSi

Molecular Weight: 130.261

Accurate Mass: 130.081392

Percentage Composition: C 55.32%; H 10.83%; O 12.28%; Si 21.56%

Source/Synthesis: Synth. from 1,1-dimethyl-1-silacyclopentan-5-ol + Na

Physical Description: Liq.

Boiling Point: Bp 117-118°

Refractive Index: n_D²⁰ 1.4380

Other Data: Ir ν_{OH} 3300; ν_{SiH} 2130 cm⁻¹

Rare Chemicals Library: S56525-3

References:

Pola, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1973, **38**, 1528, (*ir*)

Smith, C.L. *et al.*, *J. Organomet. Chem.*, 1974, **81**, 33, (*ir, pmr, synth*)

Manuel, G. *et al.*, *J. Organomet. Chem.*, 1976, **122**, 335, (*ir, pmr, synth*)