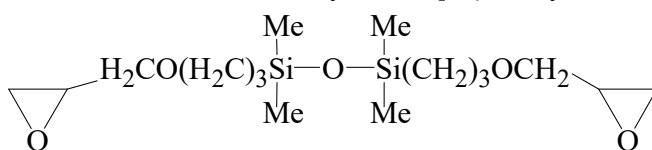




>>Entry Name: 1,3-Bis[3-(2,3-epoxypropoxy)propyl]-1,1,3,3-tetramethyldisiloxane

Synonym(s): 1,3-Bis(3-glycidyloxypropyl)tetramethyldisiloxane. 1,1,3,3-Tetramethyl-1,3-bis[3-(oxiranylmethoxy)propyl]disiloxane, 9CI



CAS Registry Number: 126-80-7

Molecular Formula: C₁₆H₃₄O₅Si₂

Molecular Weight: 362.613

Accurate Mass: 362.194479

Percentage Composition: C 53.00%; H 9.45%; O 22.06%; Si 15.49%

Use/Importance: Monomer for polysiloxanes

Boiling Point: Bp₂ 183-187°

Density: d₂₅²⁵ 0.995

Refractive Index: n_D²⁵ 1.4503

References:

Plueddemann, E.P. *et al.*, *J.A.C.S.*, 1959, **81**, 2632-2635, (*synth*)