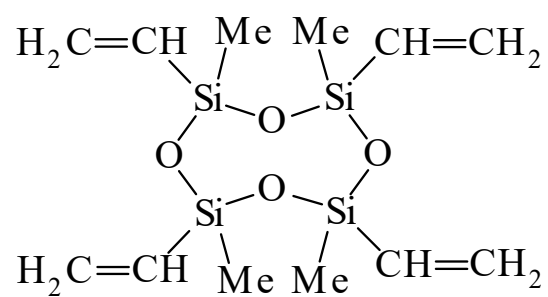




>>Entry Name: 2,4,6,8-Tetraethenyl-2,4,6,8-tetramethylcyclotetrasiloxane, 9CI

Synonym(s): 2,4,6,8-Tetramethyl-2,4,6,8-tetravinylcyclotetrasiloxane



CAS Registry Number: 2554-06-5

Molecular Formula: C₁₂H₂₄O₄Si₄

Molecular Weight: 344.661

Accurate Mass: 344.075168

Percentage Composition: C 41.82%; H 7.02%; O 18.57%; Si 32.59%

Use/Importance: Comonomer used in the synth. of polysiloxanes by anionic polym.

Melting Point: Mp -44°

Boiling Point: Bp₁₀ 111-112°

Density: d²⁰ 0.997

Refractive Index: n_D²⁰ 1.4340

Aldrich: 39628-1

Fluka: 87927

References:

Smith, A.L., *Spectrochim. Acta*, 1963, **19**, 849, (*ir*)

Jelinek, M. *et al.*, *J. Polym. Sci., Part C*, 1966, 431, (*synth, polym*)

Harris, R.K. *et al.*, *J. Organomet. Chem.*, 1976, **116**, 291, (*Si-29 nmr*)