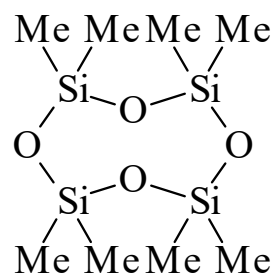




>>Entry Name: Octamethylcyclotetrasiloxane, 9CI



CAS Registry Number: 556-67-2

Molecular Formula: C₈H₂₄O₄Si₄

Molecular Weight: 296.617

Accurate Mass: 296.075168

Percentage Composition: C 32.39%; H 8.16%; O 21.58%; Si 37.87%

Source/Synthesis: Synth. from Me₂SiCl₂ + H₂O

Use/Importance: Undergoes cationic and anionic ring-opening polym. to give polysiloxanes

Physical Description: Liq.

Melting Point: Mp 17.5°

Boiling Point: Bp 175°. Bp₂₀ 74°

Density: d₂₀ 0.96

Refractive Index: n_D²⁰ 1.3960

Aldrich: 23569-5

Fluka: 74811

Rare Chemicals Library: S51639-2

Sigma: O0761

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