



>>Entry Name: Tetrakis(2-methoxyethoxy)silane

Synonym(s): Tetrakis(2-methoxyethyl) orthosilicate

CAS Registry Number: 2157-45-1

$\text{Si}(\text{OCH}_2\text{CH}_2\text{OMe})_4$

Molecular Formula: $\text{C}_{12}\text{H}_{28}\text{O}_8\text{Si}$

Molecular Weight: 328.434

Accurate Mass: 328.155347

Percentage Composition: C 43.88%; H 8.59%; O 38.97%; Si 8.55%

Source/Synthesis: Synth. from SiCl_4 + $\text{MeOCH}_2\text{CH}_2\text{OH}$

Boiling Point: Bp_{10} 179-182°

Density: d_4^{20} 1.08

Refractive Index: n_D^{20} 1.4219

References:

Burkhard, C.A., *J.O.C.*, 1948, **13**, 879-881, (*synth*)