



>>Entry Name: Tetrakis(2-ethylhexyl)oxy)silane

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

CAS Registry Number: 115-82-2

Si[OCH2CH(CH2CH3)(CH2)3CH3]4

Molecular Formula: C₃₂H₆₈O₄Si

Molecular Weight: 544.972

Accurate Mass: 544.488687

Percentage Composition: C 70.53%; H 12.58%; O 11.74%; Si 5.15%

Source/Synthesis: Synth. from 2-ethylhexanol + SiCl₄ or SiF₄

Boiling Point: Bp_{0.9} 191-192°

References:

U.S. Pat., 1953, 2 643 263; *CA*, **48**, 5206c, (*synth*)

U.K. Pat., 1961, 866 766; *CA*, **55**, 25755c, (*synth*)