

# Silicic acid (H<sub>4</sub>SiO<sub>4</sub>), tetrakis(2-ethylbutyl) ester

**Other names:**

Silane, tetrakis(2-ethylbutoxy)-  
Silicic acid, tetrakis(2-ethylbutyl) ester  
Tetra(2-ethylbutyl) silicate  
Tetrakis(2-ethylbutoxy)silane  
1-Butanol, 2-ethyl-, silicate  
2-Ethylbutyl orthosilicate  
2-Ethylbutyl silicate  
Tetrakis(2-ethyl-1-butyl) orthosilicate  
Silicic acid, tetra(2-ethylbutyl) ester  
2-Ethyl-1-butanol, silicate  
Tetra(2-ethylbutoxy) silane  
Tetra (2-ethylbutyl) orthosilicate  
Coolanol 25  
Flo-Cool 180  
Tetrakis(2-ethylbutyl) silicate  
tetrakis(2-ethylbutyl) orthosilicate

**Inchi:**

InChI=1S/C24H52O4Si/c1-9-21(10-2)17-25-29(26-18-22(11-3)12-4,27-19-23(13-5)14-6)2

**InchiKey:**

SWQWONXMUXCEDF-UHFFFAOYSA-N

**Formula:**

C<sub>24</sub>H<sub>52</sub>O<sub>4</sub>Si

**SMILES:**

CCC(CC)CO[Si](OCC(CC)CC)(OCC(CC)CC)OCC(CC)CC

**Mol. weight [g/mol]:**

432.75

**CAS:**

78-13-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.05		Crippen Method
logp	7.233		Crippen Method

## Sources

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:**

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C78137&Units=SI>

# Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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