

# Silicic acid (H<sub>4</sub>SiO<sub>4</sub>), tributyl propyl ester

**Other names:** Silane, propoxy-, tributyloxy-  
Silane, propyloxy-, tributyloxy-  
**Inchi:** InChI=1S/C15H34O4Si/c1-5-9-13-17-20(16-12-8-4,18-14-10-6-2)19-15-11-7-3/h5-15H2,1  
**InchiKey:** PZOOKGCOFWELU-UHFFFAOYSA-N  
**Formula:** C<sub>15</sub>H<sub>34</sub>O<sub>4</sub>Si  
**SMILES:** CCCCC[Si](OCCC)(OCCCC)OCCCC  
**Mol. weight [g/mol]:** 306.51  
**CAS:** 55683-20-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	4.299		Crippen Method
rinpol	1408.00		NIST Webbook
rinpol	1402.00		NIST Webbook
rinpol	1408.00		NIST Webbook

## Sources

**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=C55683200&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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