

# Tripentyloxyethylsilane

**Inchi:** InChI=1S/C17H38O3Si/c1-5-9-12-15-18-21(8-4,19-16-13-10-6-2)20-17-14-11-7-3/h5-17H  
**InchiKey:** CZZBVPSIWUGVPZ-UHFFFAOYSA-N  
**Formula:** C17H38O3Si  
**SMILES:** CCCCCO[Si](CC)(OCCCC)OCCCC  
**Mol. weight [g/mol]:** 318.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.42		Crippen Method
logp	5.566		Crippen Method
rinpol	1614.00		NIST Webbook
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## 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=R160886&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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<https://www.chemeo.com/cid/124-375-8/Tripentyloxyethylsilane.pdf>

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