

# 1-Octadecanol, tripropylsilyl ether

**Inchi:** InChI=1S/C27H58OSi/c1-5-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-28-29(25-26-27)/1-3-5-7-9-11-13-15-17-19-21-23-25-27-29  
**InchiKey:** CWOCZLCBXYUINK-UHFFFAOYSA-N  
**Formula:** C27H58OSi  
**SMILES:** CCCCCCCCCCCCCCCCCCO[Si](CCC)(CCC)CCC  
**Mol. weight [g/mol]:** 426.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	10.440		Crippen Method
rinpol	2670.00		NIST Webbook
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## 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=R104980&Units=SI>

## Legend

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

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