

# 1,2-Pentacosanediol, di-TMS

**Inchi:** InChI=1S/C31H68O2Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31  
**InchiKey:** WFCYXYQASOEKRB-UHFFFAOYSA-N  
**Formula:** C31H68O2Si2  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCCCC(CO[Si](C)(C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 529.04

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.19		Crippen Method
logp	11.660		Crippen Method
rinpol	3036.00		NIST Webbook
rinpol	3036.00		NIST Webbook

## 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=R59004&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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<https://www.chemeo.com/cid/19-149-6/1-2-Pentacosanediol-di-TMS.pdf>

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