

# 1,2-Docosanediol, di-TMS

**Inchi:** InChI=1S/C28H62O2Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28  
**InchiKey:** FCUGPDKTDMHSNY-UHFFFAOYSA-N  
**Formula:** C28H62O2Si2  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCC(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 486.96

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.93		Crippen Method
logp	10.490		Crippen Method
rinpol	2748.00		NIST Webbook
rinpol	2748.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58892&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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