

# 1,2-Hexadecanediol, 2-methyl, di-TMS

**Inchi:** InChI=1S/C23H52O2Si2/c1-9-10-11-12-13-14-15-16-17-18-19-20-21-23(2,25-27(6,7)8)2  
**InchiKey:** RMTUGNMZWSWGQF-UHFFFAOYSA-N  
**Formula:** C23H52O2Si2  
**SMILES:** CCCCCCCCCCCCCC(C)(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 416.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.84		Crippen Method
logp	8.539		Crippen Method
rinpol	2231.00		NIST Webbook
rinpol	2231.00		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=R58963&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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