

# 2,3-Pentanediol, di-TMS

**Inchi:** InChI=1S/C12H30O2Si2/c1-9-10-12(14-16(6,7)8)11(2)13-15(3,4)5/h11-12H,9-10H2,1-8H  
**InchiKey:** BSITTZAWUOGZSF-UHFFFAOYSA-N  
**Formula:** C12H30O2Si2  
**SMILES:** CCCC(O[Si](C)(C)C)C(C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 262.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.65		Crippen Method
logp	4.247		Crippen Method
rinpol	1099.00		NIST Webbook
rinpol	1099.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R51286&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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