

# 3-Hydroxypropanoyl-3-hydroxypropanoic acid, TMS

**Inchi:** InChI=1S/C12H26O5Si2/c1-18(2,3)16-10-8-11(13)15-9-7-12(14)17-19(4,5)6/h7-10H2,1-6  
**InchiKey:** CVCGNAZGIKGHPM-UHFFFAOYSA-N  
**Formula:** C12H26O5Si2  
**SMILES:** C[Si](C)(C)OCCC(=O)OCCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 306.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.24		Crippen Method
logp	2.539		Crippen Method
rinpol	1567.00		NIST Webbook
rinpol	1567.00		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=R101421&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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