

# Glyceric acid, diTMS

**Inchi:** InChI=1S/C9H22O4Si2/c1-14(2,3)12-7-8(10)9(11)13-15(4,5)6/h8,10H,7H2,1-6H3  
**InchiKey:** NXCVCNZHDSOPKD-UHFFFAOYSA-N  
**Formula:** C9H22O4Si2  
**SMILES:** C[Si](C)(C)OCC(O)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 250.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.98		Crippen Method
logp	1.577		Crippen Method
rinpol	1342.00		NIST Webbook

## Sources

**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=R273308&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/68-499-4/Glyceric-acid-diTMS.pdf>

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