

# Mevalonolactone, diTMS

**Inchi:** InChI=1S/C12H26O4Si2/c1-12(16-18(5,6)7)8-10(13)14-11(9-12)15-17(2,3)4/h11H,8-9H2  
**InchiKey:** SMFIKCUWXUSFDR-UHFFFAOYSA-N  
**Formula:** C12H26O4Si2  
**SMILES:** CC1(O[Si](C)(C)C)CC(=O)OC(O[Si](C)(C)C)C1  
**Mol. weight [g/mol]:** 290.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.40		Crippen Method
logp	3.111		Crippen Method
rinpol	1388.00		NIST Webbook
rinpol	1388.00		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=R273388&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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<https://www.chemeo.com/cid/41-210-2/Mevalonolactone-diTMS.pdf>

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