

# 2-Methyl-3-hydroxyvaleric acid, diTMS (1)

**Inchi:** InChI=1S/C12H28O3Si2/c1-9-11(14-16(3,4)5)10(2)12(13)15-17(6,7)8/h10-11H,9H2,1-8H  
**InchiKey:** NYQQSMMILUJHAT-GHMZBOCLSA-N  
**Formula:** C12H28O3Si2  
**SMILES:** CCC(O[Si](C)(C)C)C(C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 276.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.23		Crippen Method
logp	3.631		Crippen Method
rinpol	1276.00		NIST Webbook
rinpol	1276.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R273120&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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