

# 3-Hydroxyisovaleric acid, mono-TBDMS # 1

**Inchi:** InChI=1S/C11H24O3Si/c1-10(2,3)15(6,7)14-9(12)8-11(4,5)13/h13H,8H2,1-7H3  
**InchiKey:** NZOJIQQDAWCDIZ-UHFFFAOYSA-N  
**Formula:** C11H24O3Si  
**SMILES:** CC(C)(O)CC(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 232.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	2.696		Crippen Method
rinpol	1255.00		NIST Webbook
rinpol	1255.00		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=R563458&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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