

# 2-Methylbutyryl glycine, TMS # 2

**Inchi:** InChI=1S/C13H29NO3Si2/c1-9-11(2)13(17-19(6,7)8)14-10-12(15)16-18(3,4)5/h14H,9-10  
**InchiKey:** YOFKTVQKBDOOJF-QBFSEMIESA-N  
**Formula:** C13H29NO3Si2  
**SMILES:** CCC(C)=C(NCC(=O)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 303.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.65		Crippen Method
logp	3.447		Crippen Method
rinpol	1505.00		NIST Webbook
rinpol	1505.00		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=R400481&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/113-511-8/2-Methylbutyryl-glycine-TMS-2.pdf>

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