

# Valerylglycine, bis-TMS

**Inchi:** InChI=1S/C13H29NO3Si2/c1-8-9-10-12(16-18(2,3)4)14-11-13(15)17-19(5,6)7/h8-11H2,1  
**InchiKey:** ABHUKJXYENCYID-OWBHPGMISA-N  
**Formula:** C13H29NO3Si2  
**SMILES:** CCCCC(=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       | 1.02    |      | Crippen Method |
| logp          | 3.805   |      | Crippen Method |
| rinpol        | 1538.00 |      | NIST Webbook   |

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401711&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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