

# Alanine, ethoxycarbonylated, TBDMS

**Inchi:** InChI=1S/C12H25NO4Si/c1-8-16-11(15)13-9(2)10(14)17-18(6,7)12(3,4)5/h9H,8H2,1-7H3  
**InchiKey:** VFYNXWXELFFSJS-UHFFFAOYSA-N  
**Formula:** C12H25NO4Si  
**SMILES:** CCOC(=O)NC(C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 275.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	2.669		Crippen Method
rinpol	1561.00		NIST Webbook

## Sources

**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=R563918&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/39-305-0/Alanine-ethoxycarbonylated-TBDMS.pdf>

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