

# 2-Octenoic acid, trimethylsilyl ester

**Inchi:** InChI=1S/C11H22O2Si/c1-5-6-7-8-9-10-11(12)13-14(2,3)4/h9-10H,5-8H2,1-4H3  
**InchiKey:** YYMCWFXIWNWDG-UHFFFAOYSA-N  
**Formula:** C11H22O2Si  
**SMILES:** CCCCCC=CC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 214.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	3.501		Crippen Method
rinpol	1305.00		NIST Webbook
rinpol	1313.20		NIST Webbook
rinpol	1313.20		NIST Webbook
rinpol	1305.00		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=U79464&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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