

# 2-Octenoic acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C17H26O2Si/c1-4-5-6-7-11-14-17(18)19-20(2,3)15-16-12-9-8-10-13-16/h8-14H  
**InchiKey:** KEIHUJJPCZKHHM-SDNWHVSQSA-N  
**Formula:** C17H26O2Si  
**SMILES:** CCCCCC=CC(=O)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 290.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	4.653		Crippen Method
rinpol	1943.00		NIST Webbook
rinpol	1943.00		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=U375814&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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