

# 4-Pentenoic acid, 2-(1-oxopropyl), enol-bis-TMS, # 1

**Inchi:** InChI=1S/C14H28O3Si2/c1-9-11-12(14(15)17-19(6,7)8)13(10-2)16-18(3,4)5/h9H,1,10-11H,2H2  
**InchiKey:** ANIJSCIMBKHJLX-OUKQBFOZSA-N  
**Formula:** C14H28O3Si2  
**SMILES:** C=CCC(C(=O)O[Si](C)(C)C)=C(CC)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 300.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.06		Crippen Method
logp	4.456		Crippen Method
rinpol	1411.00		NIST Webbook
rinpol	1411.00		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=R167872&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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