

# Pentanoic acid, 3-oxo-2-propyl, enol-bis-TMS, # 1

**Inchi:** InChI=1S/C14H30O3Si2/c1-9-11-12(14(15)17-19(6,7)8)13(10-2)16-18(3,4)5/h9-11H2,1-8  
**InchiKey:** SFBVEJZEAAGDNI-SEYXRHQNSA-N  
**Formula:** C14H30O3Si2  
**SMILES:** CCCC(C(=O)O[Si](C)(C)C)=C(CC)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 302.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.08		Crippen Method
logp	4.680		Crippen Method
rinpol	1415.00		NIST Webbook
rinpol	1415.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R167956&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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