

# Pentanoic acid, 5-hydroxy-2-propyl, bis-TMS

<b>Other names:</b>	5-Hydroxy-2-propylpentanoic acid, di-TMS 2-Propyl-5-hydroxypentanoic acid, diTMS
<b>Inchi:</b>	InChI=1S/C14H32O3Si2/c1-8-10-13(14(15)17-19(5,6)7)11-9-12-16-18(2,3)4/h13H,8-12H
<b>InchiKey:</b>	WMRIPYKNUFEUSW-UHFFFAOYSA-N
<b>Formula:</b>	C14H32O3Si2
<b>SMILES:</b>	CCCC(CCCO[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	304.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	4.412		Crippen Method
rinpol	1484.00		NIST Webbook
rinpol	1484.00		NIST Webbook
rinpol	1462.00		NIST Webbook
rinpol	1484.00		NIST Webbook
rinpol	1484.00		NIST Webbook
rinpol	1462.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U72012&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U72012&amp;Units=SI</a>

## Legend

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

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