

# 4-Trimethylsiloxy(trimethylsilyl)valerate

<b>Other names:</b>	4-Trimethylsilyloxy(trimethylsilyl)valerate 4-Hydroxyvaleric acid, di-TMS Pentanoic acid, 4-trimethylsilyloxy, trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C11H26O3Si2/c1-10(13-15(2,3)4)8-9-11(12)14-16(5,6)7/h10H,8-9H2,1-7H3
<b>InchiKey:</b>	VRBHLUQITMKLAN-UHFFFAOYSA-N
<b>Formula:</b>	C11H26O3Si2
<b>SMILES:</b>	CC(CCC(=O)O[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	262.49
<b>CAS:</b>	72101-10-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.41		Crippen Method
logp	3.385		Crippen Method
rinpol	1265.00		NIST Webbook
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## 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=C72101101&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C72101101&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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