

# 3-Trimethylsilyloxy-2-methyltrimethylsilylvalerate

<b>Other names:</b>	2-Methyl-3-hydroxyvaleric acid, di-TMS 2-Methyl-3-hydroxyvaleric acid, TMS Pentanoic acid, 2-methyl-3-trimethylsilyloxy, trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C12H28O3Si2/c1-9-11(14-16(3,4)5)10(2)12(13)15-17(6,7)8/h10-11H,9H2,1-8H
<b>InchiKey:</b>	NYQQSMMILUJHAT-UHFFFAOYSA-N
<b>Formula:</b>	C12H28O3Si2
<b>SMILES:</b>	CCC(O[Si](C)(C)C)C(C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	276.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.23		Crippen Method
logp	3.631		Crippen Method
rinpol	1275.00		NIST Webbook
rinpol	1275.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U79480&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U79480&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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