

# 3-Hydroxyglutaric acid, tri-TMS

<b>Other names:</b>	2,4-Dideoxypentanic acid, TMS Pentanedioic acid, 3-trimethylsilyloxy, bis(trimethylsilyl) ester
<b>Inchi:</b>	InChI=1S/C14H32O5Si3/c1-20(2,3)17-12(10-13(15)18-21(4,5)6)11-14(16)19-22(7,8)9/h1
<b>InchiKey:</b>	RJMRWIUUBIKMHF-UHFFFAOYSA-N
<b>Formula:</b>	C14H32O5Si3
<b>SMILES:</b>	C[Si](C)(C)OC(=O)CC(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	364.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.24		Crippen Method
logp	3.743		Crippen Method
rinpol	1582.00		NIST Webbook
rinpol	1596.00		NIST Webbook
rinpol	1590.00		NIST Webbook
rinpol	1590.00		NIST Webbook
rinpol	1582.00		NIST Webbook
rinpol	1583.00		NIST Webbook

## Sources

<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=U141473&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U141473&amp;Units=SI</a>
<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>

## 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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