

# 2-Methylglutaconic acid, bis(trimethylsilyl) ester

<b>Other names:</b>	2-Methylglutaconic acid, di-TMS, #2 2-Methylglutaconic acid, di-TMS, #1
<b>Inchi:</b>	InChI=1S/C12H24O4Si2/c1-10(12(14)16-18(5,6)7)8-9-11(13)15-17(2,3)4/h8H,9H2,1-7H3
<b>InchiKey:</b>	LVVVFIBESNWRW-CSKARUKUSA-N
<b>Formula:</b>	C12H24O4Si2
<b>SMILES:</b>	CC(=CCC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	288.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.47		Crippen Method
logp	3.079		Crippen Method
rinpol	1496.00		NIST Webbook
rinpol	1463.00		NIST Webbook
rinpol	1503.00		NIST Webbook
rinpol	1496.00		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=U79689&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U79689&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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