

# Butanedioic acid, 2,3-dimethyl-, bis(trimethylsilyl) ester

<b>Other names:</b>	2,3-Dimethylsuccinic acid, bis(trimethylsilyl)- ester Butanedioic acid, 2,3-dimethyl, meso-, bis-trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C12H26O4Si2/c1-9(11(13)15-17(3,4)5)10(2)12(14)16-18(6,7)8/h9-10H,1-8H3
<b>InchiKey:</b>	LBUHCVHPJFFRSD-UHFFFAOYSA-N
<b>Formula:</b>	C12H26O4Si2
<b>SMILES:</b>	CC(C(=O)O[Si](C)(C)C)C(C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	290.50
<b>CAS:</b>	55557-29-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.81		Crippen Method
logp	3.015		Crippen Method
rinpol	1365.00		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=C55557294&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557294&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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