

# 2-Ketoglutaric acid ditbdms

<b>Other names:</b>	2-Ketopentanrdioic acid ditbdms 2-Ketoglutaric acid, 2tbdms derivative
<b>Inchi:</b>	InChI=1S/C17H34O5Si2/c1-16(2,3)23(7,8)21-14(19)12-11-13(18)15(20)22-24(9,10)17(4,
<b>InchiKey:</b>	RJMSHEROUAXRFK-UHFFFAOYSA-N
<b>Formula:</b>	C17H34O5Si2
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OC(=O)CCC(=O)C(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	374.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.05		Crippen Method
logp	4.433		Crippen Method
rinpola	2149.00		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=U332344&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332344&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

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