

# bis[tert-Butyl(dimethyl)silyl]-but-2-enedioate

<b>Other names:</b>	2-Butenedioic acid, 2tbdms derivative
<b>Inchi:</b>	InChI=1S/C16H32O4Si2/c1-15(2,3)21(7,8)19-13(17)11-12-14(18)20-22(9,10)16(4,5)6/h1
<b>InchiKey:</b>	DDBSDNFXXPFNND-VAWYXSNFSA-N
<b>Formula:</b>	C16H32O4Si2
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OC(=O)C=CC(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	344.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.20		Crippen Method
logp	4.639		Crippen Method
rinsol	1782.50		NIST Webbook
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## 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=U332854&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332854&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>rinsol:</b>	Non-polar retention indices

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