

# Citraconic acid, DMTBS

<b>Other names:</b>	Citraconic acid, bis-TBDMS
<b>Inchi:</b>	InChI=1S/C17H34O4Si2/c1-13(15(19)21-23(10,11)17(5,6)7)12-14(18)20-22(8,9)16(2,3)4
<b>InchiKey:</b>	HUKRUXTVYKXRNV-SEYXRHQNSA-N
<b>Formula:</b>	C17H34O4Si2
<b>SMILES:</b>	CC(=CC(=O)O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	358.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.62		Crippen Method
logp	5.029		Crippen Method
rinpola	1780.00		NIST Webbook
rinpola	1784.00		NIST Webbook
rinpola	1780.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R538140&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R538140&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>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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