

# 2,2,4,4-Tetramethylcyclobutane-1,3-diol, trans, bis-TMS ether

<b>Inchi:</b>	InChI=1S/C14H32O2Si2/c1-13(2)11(15-17(5,6)7)14(3,4)12(13)16-18(8,9)10/h11-12H,1-13
<b>InchiKey:</b>	YZJUOXPHPUHEIP-HAQNSBGRSA-N
<b>Formula:</b>	C14H32O2Si2
<b>SMILES:</b>	CC1(C)C(O[Si](C)(C)C)C(C)(C)C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	288.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	4.493		Crippen Method
rinpol	1164.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R179370&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R179370&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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>rinpol:</b>	Non-polar retention indices

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