

# 1,5:3,6-Dianhydroglucitol, TMS

<b>Inchi:</b>	InChI=1S/C12H26O4Si2/c1-17(2,3)15-10-8-13-9-7-14-11(10)12(9)16-18(4,5)6/h9-12H,7-
<b>InchiKey:</b>	UUNBNALAVAYYJC-UHFFFAOYSA-N
<b>Formula:</b>	C12H26O4Si2
<b>SMILES:</b>	C[Si](C)(C)OC1COC2COC1C2O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	290.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.47		Crippen Method
logp	2.224		Crippen Method
rinpol	1523.00		NIST Webbook
rinpol	1523.00		NIST Webbook

## 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=R74216&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R74216&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>

## 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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<https://www.chemeo.com/cid/119-340-2/1-5-3-6-Dianhydroglucitol-TMS.pdf>

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