

# 5«alpha»-Cholestan-3«alpha»,6«beta»-diol, TMS

<b>Inchi:</b>	InChI=1S/C33H64O2Si2/c1-23(2)13-12-14-24(3)27-15-16-28-26-22-31(35-37(9,10)11)30
<b>InchiKey:</b>	UBHDPUUHTCWMLG-YXOPIZLTSA-N
<b>Formula:</b>	C33H64O2Si2
<b>SMILES:</b>	CC(C)CCCC(C)C1CCC2C3CC(O[Si](C)(C)C)C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
<b>Mol. weight [g/mol]:</b>	549.03

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.54		Crippen Method
logp	10.158		Crippen Method
rinpol	3143.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R529369&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R529369&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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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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