

# 7«alpha»,25-Dihydroxy-4-cholesten-3-one, TMS

<b>Inchi:</b>	InChI=1S/C36H68O3Si3/c1-26(16-15-21-34(2,3)39-42(12,13)14)29-17-18-30-33-31(20-2
<b>InchiKey:</b>	DDTVWJWLYFOTPG-YILISMQQSA-N
<b>Formula:</b>	C36H68O3Si3
<b>SMILES:</b>	CC(CCCC(C)(C)O[Si](C)(C)C)C1CCC2C3C(O[Si](C)(C)C)C=C4C=C(O[Si](C)(C)C)CCC4
<b>Mol. weight [g/mol]:</b>	633.18

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.62		Crippen Method
logp	11.177		Crippen Method
rinpol	3490.00		NIST Webbook
rinpol	3490.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R264458&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R264458&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>rinpol:</b>	Non-polar retention indices

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