

# 7-«beta»-Hydroxycholesterol, TMS

<b>Other names:</b>	Cholesterol, 7«beta»-hydroxy, TMS
<b>Inchi:</b>	InChI=1S/C33H64O2Si2/c1-23(2)13-12-14-24(3)27-15-16-28-31-29(18-20-33(27,28)5)32
<b>InchiKey:</b>	SABSXFHUKZVEMF-ADOKZBEXSA-N
<b>Formula:</b>	C33H64O2Si2
<b>SMILES:</b>	CC(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(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
rinpola	3235.00		NIST Webbook
rinpola	3228.00		NIST Webbook
rinpola	3235.00		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=R150082&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R150082&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>

## 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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