

# 3-oxo-4-cholestenoate, O-methyloxime-TMS (1)

<b>Inchi:</b>	InChI=1S/C31H53NO3Si/c1-21(10-9-11-22(2)29(33)35-36(6,7)8)26-14-15-27-25-13-12-2
<b>InchiKey:</b>	HOMDZWFYFIHOMY-YURFGKIPSA-N
<b>Formula:</b>	C31H53NO3Si
<b>SMILES:</b>	CON=C1C=C2CCC3C(CCC4(C)C(C(C)CCCC(C)C(=O)O[Si](C)(C)C)CCC34)C2(C)CC1
<b>Mol. weight [g/mol]:</b>	515.84

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.45		Crippen Method
logp	8.388		Crippen Method
rinpol	3285.00		NIST Webbook
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## 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=R492529&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R492529&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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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