

# 3«beta»,7«alpha»-Dihydroxy-4-cholenic acid, methyl ester, TMS

Inchi:	InChI=1S/C31H56O4Si2/c1-21(11-14-28(32)33-4)24-12-13-25-29-26(16-18-31(24,25)3)3
InchiKey:	KHYMDYRSKURYAZ-WKKSCJTISA-N
Formula:	C31H56O4Si2
SMILES:	COC(=O)CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CC(O[Si](C)(C)C)CCC4(C)C3CCC12
Mol. weight [g/mol]:	548.94

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.90		Crippen Method
logp	8.205		Crippen Method
rinpol	3200.00		NIST Webbook
rinpol	3204.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R534584&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R534584&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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