

Cholanic acid, 7«alpha»,12«alpha»-dihydroxy, Me-TMS

Other names:	7«alpha»,12«alpha»-Dihydroxy-5«beta»-cholanic acid, methyl ester, TMS
Inchi:	InChI=1S/C31H58O4Si2/c1-21(14-17-28(32)33-4)23-15-16-24-29-25(20-27(31(23,24)3)3
InchiKey:	WLOQXQFDQGTWNC-FYCNSXPWSA-N
Formula:	C31H58O4Si2
SMILES:	COC(=O)CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CCCCC4(C)C3CC(O[Si](C)(C)C)C12O
Mol. weight [g/mol]:	550.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	8.285		Crippen Method
rinpol	3162.00		NIST Webbook
rinpol	3162.00		NIST Webbook
rinpol	3162.00		NIST Webbook
ripol	3789.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R534277&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/70-380-2/Cholanic-acid-7-alpha-12-alpha-dihydroxy-Me-TMS.pdf>

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