

# Methyl 7-«alpha»,12-«alpha»-dihydroxy-4-cholestenoate, TMS

InChIKey:

InChI=1S/C34H62O4Si2/c1-23(15-14-16-24(2)32(35)36-5)26-18-19-27-31-28(22-30(34)2

Formula:

C34H62O4Si2

SMILES:

COC(=O)C(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CCCCC4(C)C3CC(O[Si](C)(C)

Mol. weight [g/mol]:

591.02

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.92		Crippen Method
logp	9.231		Crippen Method
rinpol	3570.00		NIST Webbook
rinpol	3570.00		NIST Webbook

## Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

[https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R396520&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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