

# 7«alpha»-hydroxy, 3-oxy-4-cholenoate, methyl ester-trimethylsilyl ether

**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:** NKZKYHQFYLLBDK-KFQFHGEHSA-N  
**Formula:** C31H56O4Si2  
**SMILES:** COC(=O)CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4C=C(O[Si](C)(C)C)CCC4(C)C3CCC12  
**Mol. weight [g/mol]:** 548.94

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.04		Crippen Method
logp	8.410		Crippen Method
rinpol	3300.00		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=R494005&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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