

# 7«alpha»,12«alpha»,26-trihydroxy,3-oxy-4-cholestenoate-methyl ester-trimethylsilyl ether

InChI: InChI=1S/C40H76O6Si4/c1-18(18-17-19-29(38(41)42-4)27-43-47(5,6)7)32-20-21-33-37-38-39-40/s1-18,18-17,19-29,38(41)42-4,27-43-47(5,6)7,32-20-21-33-37-38-39-40  
InChIKey: IUDPJZSDAAKPJF-JKWIOOIS-NA-N

Formula: C40H76O6Si4  
SMILES: COC(=O)C(CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CC(O[Si](C)(C)C)=CCC4(C)C3C  
Mol. weight [g/mol]: 765.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.05		Crippen Method
logp	11.018		Crippen Method
rinpol	3840.00		NIST Webbook
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## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R493948&Units=SI>  
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)

## Legend

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

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