7«alpha»,26-dihydroxy,3-oxy-4-cholestenoate, methyl ester-trimethylsilyl ether

Inchi: InChI=1S/C37H68O5Si3/c1-26(15-14-16-27(35(38)39-4)25-40-43(5,6)7)30-17-18-31-34-3

InchiKey: PNDACKMIURVWFG-QADRVDMRSA-N

Formula: C37H68O5Si3

SMILES: COC(=O)C(CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CC(O[Si](C)(C)C)=CCC4(C)C3CC

Mol. weight [g/mol]: 677.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.55		Crippen Method
logp	10.188		Crippen Method
rinpol	3800.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R493988&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices