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

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

InchiKey: WGNLRMKQRYFUJN-OQPAAXDUSA-N

Formula: C34H62O4Si2

SMILES: COC(=O)C(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CCCCC4(C)C3CC(O[Si](C)(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/ci990307l

Crippen Method: https://www.chemeo.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