

3-oxy-4,6-cholestenoate, methyl ester-trimethylsilyl ether

Inchi: InChI=1S/C31H50O3Si/c1-21(10-9-11-22(2)29(32)33-5)26-14-15-27-25-13-12-23-20-24(28)
InchiKey: BJLFSDGKKGSPCX-YURFGKIPSA-N
Formula: C31H50O3Si
SMILES: COC(=O)C(C)CCCC(C)C1CCC2C3C=CC4=CC(O[Si](C)(C)C)=CCC4(C)C3CCC12C
Mol. weight [g/mol]: 498.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.50		Crippen Method
logp	8.302		Crippen Method

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=R493844&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/98-957-2/3-oxy-4-6-cholestenoate-methyl-ester-trimethylsilyl-ether.pdf>

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