

3«alpha»,7«alpha»,12«alpha»,24(«epsilon»)-tetrahydroxy-5-beta-cholestan-3-yl methyl ester-trimethylsilyl ether

InChI: CC(=O)OC(C)C(CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3C
InChIKey: OFLKYCRDARMXP9-LFLLTUNISA-N

Formula: C40H80O6Si4
SMILES: COC(=O)C(C)C(CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3C
Mol. weight [g/mol]: 769.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	10.971		Crippen Method
rinpol	3605.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R493740&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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