

# 3-oxy-7«alpha»,12«alpha»-dihydroxy-4-cholesten-3-yl methyl ester-trimethylsilyl ether

InChI: InChI=1S/C37H68O5Si3/c1-5(16-15-17-26(2)35(38)39-5)29-18-19-30-34-31(24-33(37)2  
InChIKey: RNIFHRKAQFUNGQ-MJOMMUNASA-N

**Formula:** C37H68O5Si3

**SMILES:** COC(=O)C(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4=CC(O[Si](C)(C)C)=CCC4(C)C3

**Mol. weight [g/mol]:** 677.19

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.66		Crippen Method
logp	10.186		Crippen Method
rinsol	3595.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R493859&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

**rinsol:** Non-polar retention indices

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