

# 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)30-17-18-31-34-35  
**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)C3C  
**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/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  
**rinpol:** Non-polar retention indices

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