# 7«alpha»-hydroxy-3-oxo-4-chol-24-oate, TMS

**Inchi:** InChI=1S/C33H60O4Si3/c1-23(13-16-30(34)37-40(10,11)12)26-14-15-27-31-28(18-20-33
**InchiKey:** GGQFXVAOBWRSTK-RILFYBJCSA-N
**Formula:** C33H60O4Si3
**SMILES:** CC(CCC(=O)O[Si](C)(C)C)C1CCC2C3C(O[Si](C)(C)C)CC4=CC(O[Si](C)(C)C)=CCC4(C
**Mol. weight [g/mol]:** 605.08

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.03 | | Crippen Method |
| logp | 9.535 | | Crippen Method |
| rinpol | 3295.00 | | 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=R492594&Units=SI

## Legend

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