# 3«alpha»,5«beta»,7«alpha»-trihydroxy-5«beta»-ch
# acid, TMS

**Inchi:** InChI=1S/C36H72O5Si4/c1-26(16-19-32(37)40-44(10,11)12)28-17-18-29-33-30(21-22-34

**InchiKey:** MDBKTZNAHUOHSH-QSWXKRHASA-N

**Formula:** C36H72O5Si4

**SMILES:** CC(CCC(=O)O[Si](C)(C)C)C1CCC2C3C(O[Si](C)(C)C)CC4(O[Si](C)(C)C)CC(O[Si](C)(C)C

**Mol. weight [g/mol]:** 697.30

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.44 | | Crippen Method |
| logp | 10.464 | | Crippen Method |
| rinpol | 3289.00 | | NIST Webbook |
| rinpol | 3380.00 | | NIST Webbook |
| rinpol | 3289.00 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R279811&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices