# 3«alpha»,16«alpha»,17«beta»-Trihydroxy'5«beta»-androstan-11-one-tris-TMS

**Inchi:** InChI=1S/C28H54O4Si3/c1-27-15-14-20(30-33(3,4)5)16-19(27)12-13-21-22-17-24(31-34

**InchiKey:** XXWSAVATEUEKOY-XOSHAVBHSA-N

**Formula:** C28H54O4Si3

**SMILES:** CC12CC(=O)C3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CC(O[Si](C)(C)C)C2O[Si](C)(C)C

**Mol. weight [g/mol]:** 538.98

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.70 | | Crippen Method |
| logp | 7.478 | | Crippen Method |
| rinpol | 2856.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R16602&Units=SI

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

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

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices