# 5«alpha»-Androstan-3«beta»-ol-17-one, TBDMS

**Inchi:** InChI=1S/C31H58O2Si2/c1-28(2,3)34(9,10)32-23-17-19-30(7)22(21-23)13-14-24-25-15-1

**InchiKey:** CLHFTFZHTPFECO-ZRYYPVSWSA-N

**Formula:** C31H58O2Si2

**SMILES:** CC12CCC3C(CCC4CC(O[Si](C)(C)C(C)(C)C)CCC43C)C1CC=C2O[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 518.96

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.66 | | Crippen Method |
| logp | 9.935 | | Crippen Method |
| rinpol | 2798.00 | | NIST Webbook |
| rinpol | 2798.00 | | NIST Webbook |

## Sources

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

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R526102&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