

# 15«beta»,17«alpha»-Dihydroxypregnenolone, MO-TMS

**Inchi:** InChI=1S/C31H59NO4Si3/c1-22(32-33-4)31(36-39(11,12)13)21-27(35-38(8,9)10)28-25-1  
**InchiKey:** HGNJIMJEZYWJLX-ZNFMNRCWSA-N  
**Formula:** C31H59NO4Si3  
**SMILES:** CON=C(C)C1(O[Si](C)(C)C)CC(O[Si](C)(C)C)C2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3  
**Mol. weight [g/mol]:** 594.06

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.02   |      | Crippen Method |
| logp          | 8.612   |      | Crippen Method |
| rinpol        | 2938.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R537038&Units=SI>

## Legend

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

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