

# 3«alpha»,16«alpha»-dihydroxy-5«alpha»-androstane

**TMS**

**InchiKey:**

**Formula:**

**SMILES:**

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

InChI=1S/C25H46O3Si2/c1-24-13-11-18(27-29(3,4)5)15-17(24)9-10-19-20(24)12-14-25(26)21-23

JTMVSMYLSJYTE-GDHIKQQTSA-N

C25H46O3Si2

CC12CCC3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CC(O[Si](C)(C)C)C2=O

450.80

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.20   |      | Crippen Method |
| logp          | 6.648   |      | Crippen Method |
| rinpol        | 2616.00 |      | NIST Webbook   |
| rinpol        | 2572.00 |      | NIST Webbook   |
| rinpol        | 2616.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R488174&Units=SI>

**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)

## Legend

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

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<https://www.chemeo.com/cid/15-696-3/3-alpha-16-alpha-dihydroxy-5-alpha-androstan-17-one-TMS.pdf>

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