

# 5«alpha»-Stigmastan-3«beta»-ol, TMS

**Inchi:** InChI=1S/C32H60OSi/c1-10-24(22(2)3)12-11-23(4)28-15-16-29-27-14-13-25-21-26(33-3)  
**InchiKey:** TZWRPXXRQJDCPG-XUVPDULDSA-N  
**Formula:** C32H60OSi  
**SMILES:** CCC(CCC(C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C)C(C)C  
**Mol. weight [g/mol]:** 488.90

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.63   |      | Crippen Method |
| logp          | 9.964   |      | Crippen Method |
| rinpol        | 3335.00 |      | NIST Webbook   |
| rinpol        | 3335.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R528782&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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