

# 3A,11B,17A,21-Tetrahydroxy-5B-pregnan-20-one, MO TMS

**Other names:** 5«beta»-Pregnane-3«alpha», 11«beta», 17«alpha», 21-tetrol-20-one (THF), MO TMS  
**Inchi:** InChI=1S/C34H69NO5Si4/c1-32-20-18-26(38-42(7,8)9)22-25(32)16-17-27-28-19-21-34(4)5-33  
**InchiKey:** WZZDCZPDFSSOIG-IKUUVTFOSA-N  
**Formula:** C34H69NO5Si4  
**SMILES:** CON=C(CO[Si](C)(C)C)C1(O[Si](C)(C)C)CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3C  
**Mol. weight [g/mol]:** 684.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	9.523		Crippen Method
rinpol	3032.00		NIST Webbook
rinpol	3038.00		NIST Webbook
rinpol	3023.00		NIST Webbook
rinpol	3039.00		NIST Webbook
rinpol	3038.00		NIST Webbook
rinpol	3027.00		NIST Webbook
rinpol	3041.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R486029&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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