

# 5-«alpha»-Pregnan-3-«beta»-15x-diol-20-one, TMS

**Inchi:** InChI=1S/C27H50O3Si2/c1-18(28)23-17-24(30-32(7,8)9)25-21-11-10-19-16-20(29-31(4,5)6)22-26-27  
**InchiKey:** CFTACKASIGYFBQ-QWILNDGTSA-N  
**Formula:** C27H50O3Si2  
**SMILES:** CC(=O)C1CC(O[Si](C)(C)C)C2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 478.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.79		Crippen Method
logp	7.284		Crippen Method
rinpol	2856.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R393883&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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