

# 5-Pregnen-3-«alpha»-ol-20-one, MeTMS

**Inchi:** InChI=1S/C24H40O2Si/c1-16(25)20-9-10-21-19-8-7-17-15-18(26-27(4,5)6)11-13-23(17,24)  
**InchiKey:** MQAKMQDJWRHTAA-WPOWELMKSA-N  
**Formula:** C<sub>24</sub>H<sub>40</sub>O<sub>2</sub>Si  
**SMILES:** CC(=O)C1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 388.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.38		Crippen Method
logp	6.375		Crippen Method
rinpol	2700.00		NIST Webbook
rinpol	2700.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R393521&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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