

# 5-«alpha»-Pregnane-17-«alpha»,20-«beta»-diol,

**bis-TMS**

InChI: InChI=1S/C27H52O2Si2/c1-20(28-30(4,5)6)27(29-31(7,8)9)19-16-24-22-14-13-21-12-10

InChIKey:

JZLGTCYUIGWTDC-WDWAQBFHSA-N

Formula:

C27H52O2Si2

SMILES:

CC(O[Si](C)(C)C)C1(O[Si](C)(C)C)CCC2C3CCC4CCCCC4(C)C3CCC21C

Mol. weight [g/mol]:

464.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	8.249		Crippen Method
rinpol	2645.00		NIST Webbook
rinpol	2645.00		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=R149829&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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