

5«beta»-Pregnane-3«alpha»,20«alpha»-diol, (3-O)-TBDMSi, (20-O)-TMSi

Inchi: InChI=1S/C30H58O2Si2/c1-21(31-33(7,8)9)25-14-15-26-24-13-12-22-20-23(32-34(10,11)12)35-27-28-29-30
InchiKey: RKMUDRYIMBPXRR-KGYAFOCASA-N
Formula: C30H58O2Si2
SMILES: CC(O[Si](C)(C)C)C1CCC2C3CCC4CC(O[Si](C)(C)C(C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]: 506.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	9.276		Crippen Method
rinpol	2998.00		NIST Webbook
rinpol	3033.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R144324&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: 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

Latest version available from:

<https://www.cheméo.com/cid/14-306-6/5-beta-Pregnane-3-alpha-20-alpha-diol-3-O-TBDMSi-20-O-TMSi.pdf>

Generated by Cheméo on 2025-12-05 15:53:33.578078325 +0000 UTC m=+4698211.108118979.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.