

5-«alpha»-Pregnan-3-«beta»,11-«beta»-diol, TMS

Inchi:	InChI=1S/C27H52O2Si2/c1-10-19-12-14-23-22-13-11-20-17-21(28-30(4,5)6)15-16-26(20)
InchiKey:	JLXIJWQYAHIOLR-LRZCGTLMISA-N
Formula:	C27H52O2Si2
SMILES:	CCC1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3C(O[Si](C)(C)C)CC12C
Mol. weight [g/mol]:	464.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.51		Crippen Method
logp	8.105		Crippen Method
rinpol	2732.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R486663&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/22-020-4/5-alpha-Pregnan-3-beta-11-beta-diol-TMS.pdf>

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