

5«alpha»-Androstan-3«alpha»-ol-17-one, VDMS

Inchi:	InChI=1S/C27H46O2Si2/c1-9-30(5,6)28-21-15-17-26(3)20(19-21)11-12-22-23-13-14-25(
InchiKey:	PTJWVHSUJDZMHD-QGKGTEMDSA-N
Formula:	C27H46O2Si2
SMILES:	C=C[Si](C)(C)OC1=CCC2C3CCC4CC(O[Si](C)(C)C=C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	458.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.87		Crippen Method
logp	7.785		Crippen Method
rinpol	2546.00		NIST Webbook
rinpol	2546.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R529329&Units=SI

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/49-410-2/5-alpha-Androstan-3-alpha-ol-17-one-VDMS.pdf>

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