5-Androsten-3«beta»-ol-17-one, VDMS

Inchi:	InChI=1S/C27H44O2Si2/c1-9-30(5,6)28-21-15-17-26(3)20(19-21)11-12-22-23-13-14-25(
InchiKey:	GDDOJLVQBHTFEF-URKQOXIASA-N
Formula:	C27H44O2Si2
SMILES:	C=C[Si](C)(C)OC1=CCC2C3CC=C4CC(O[Si](C)(C)C=C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	456.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.97		Crippen Method
logp	7.705		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R529483&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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https://www.chemeo.com/cid/91-378-2/5-Androsten-3-beta-ol-17-one-VDMS.pdf

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