17-«beta»-Hydroxy-7-«alpha»,17-«alpha»-dimethyl-5-beta-androstan-3-one-17-TMS

Inchi: InChI=1S/C24H42O2Si/c1-16-14-17-15-18(25)8-11-22(17,2)19-9-12-23(3)20(21(16)19)1

InchiKey: WOJBEUHZDDQLML-NZMYFIAWSA-N

Formula: C24H42O2Si

SMILES: CC1CC2CC(=O)CCC2(C)C2CCC3(C)C(CCC3(C)O[Si](C)(C)C)C12

Mol. weight [g/mol]: 390.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.29		Crippen Method
logp	6.454		Crippen Method
rinpol	2757.00		NIST Webbook
rinpol	2757.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R257420&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

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