

# 3«beta»,16«alpha»-dihydroxy-5-androsten-17-one

Other names: 3«beta»,16«alpha»-dihydroxy-5-androsten-17-one, MO-TMS  
Inchi: InChI=1S/C28H53NO3Si3/c1-27-16-14-21(30-33(3,4)5)18-20(27)12-13-22-23(27)15-17-2

InchiKey: IPLOJYZPQLPSQP-IWFDHJMJA-N  
Formula: C28H53NO3Si3  
SMILES: CC12CCC(O[Si](C)(C)C)CC1=CCC1C2CCC2(C)C(=NO[Si](C)(C)C)C(O[Si](C)(C)C)CC1  
Mol. weight [g/mol]: 535.98

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.56		Crippen Method
logp	8.207		Crippen Method
rinpol	2728.00		NIST Webbook
rinpol	2726.00		NIST Webbook
rinpol	2679.00		NIST Webbook
rinpol	2686.00		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R488134&Units=SI>

## Legend

log10ws: Log10 of Water solubility in mol/l  
logp: Octanol/Water partition coefficient  
rinpol: Non-polar retention indices

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