

# Androstan-17-one, 3-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-, (3«beta»,5«alpha»)-

<b>Other names:</b>	3-[(beta)-tert-Butyldimethylsilyloxy-5-«alpha»-androstan-17-one 3-[(tert-Butyl(dimethyl)silyl]oxy)androstan-17-one-, (3«beta»,5«alpha»)- Epiandrosterone, TBDMSi (3-O) 5«ALPHA»-androstan-3«beta»-ol-17-one, tbdms derivative
<b>Inchi:</b>	InChI=1S/C25H44O2Si/c1-23(2,3)28(6,7)27-18-12-14-24(4)17(16-18)8-9-19-20-10-11-22
<b>InchiKey:</b>	UGWVQACEZWDYMD-XWJDHQKSA-N
<b>Formula:</b>	C25H44O2Si
<b>SMILES:</b>	CC12CCC3C(CCC4CC(O[Si](C)(C)C(C)(C)C)CCC43C)C1CCC2=O
<b>Mol. weight [g/mol]:</b>	404.70
<b>CAS:</b>	57711-44-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.95		Crippen Method
logp	6.989		Crippen Method
rinpol	2816.00		NIST Webbook
rinpol	2870.00		NIST Webbook
rinpol	2816.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C57711441&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C57711441&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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