

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

Other names:

Ethiocholan-3«alpha»-ol-17-one, tert-butyldimethylsilyl ether

3-«alpha»-tert-butyldimethylsilyloxy-5-«beta»-androstan-17-one

Ethiocholan-3«alpha»-ol-17-one, tert-butyldimethylsilyl ether

<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-KZENVJRNSA-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>	65598-73-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.95		Crippen Method
logp	6.989		Crippen Method
rinpol	2810.40		NIST Webbook
rinpol	2814.30		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C65598734&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C65598734&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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