

# 5«beta»-Androstan-17-one, 3«alpha»,11«beta»-bis(trimethylsiloxy)-

<b>Other names:</b>	3,11-Bis[(trimethylsilyl)oxy]androstan-17-one, (3«alpha»,5«beta»,11«beta»)-11«beta»-Hydroxyetiocholanolone, bis-TMS 3«alpha»,11«beta»-Dihydroxy-5«beta»-androstan-17-one, bis-TMS 3A,11B-dihydroxy-5B-androstan-17-one, enol, bis-TMS 11B-Hydroxyetiocholanolone, TMS 11-Hydroxyetiocholanolone (3«alpha»,5«beta»,11«beta»)-, 2tms derivative
<b>Inchi:</b>	InChI=1S/C25H46O3Si2/c1-24-14-13-18(27-29(3,4)5)15-17(24)9-10-19-20-11-12-22(26)
<b>InchiKey:</b>	SVZGBEADGIZYEM-WVUMPWGQSA-N
<b>Formula:</b>	C25H46O3Si2
<b>SMILES:</b>	CC12CC(O[Si](C)(C)C)C3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CCC2=O
<b>Mol. weight [g/mol]:</b>	450.80
<b>CAS:</b>	17562-89-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	6.648		Crippen Method
rinpol	2683.00		NIST Webbook
rinpol	2693.00		NIST Webbook
rinpol	2696.00		NIST Webbook
rinpol	2696.00		NIST Webbook
rinpol	2693.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C17562899&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C17562899&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

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

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