

# Epitestosterone, tert-butyl dimethylsilyl ether

<b>Other names:</b>	(17«alpha»)-17-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphoandrost-4-en-3-one Epitestosterone, tbdms derivative
<b>Inchi:</b>	InChI=1S/C25H42O2Si/c1-23(2,3)28(6,7)27-22-11-10-20-19-9-8-17-16-18(26)12-14-24(1
<b>InchiKey:</b>	RSOSYYWFEQKUMW-UHFFFAOYSA-N
<b>Formula:</b>	C25H42O2Si
<b>SMILES:</b>	CC12CCC(=O)C=C1CCC1C2CCC2(C)C(O[Si](C)(C)C(C)(C)C)CCC12
<b>Mol. weight [g/mol]:</b>	402.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.04		Crippen Method
logp	6.909		Crippen Method
rinpol	2975.50		NIST Webbook
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## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U332945&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332945&amp;Units=SI</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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