

# 3«alpha»-Hydroxy-5«alpha»-pregnan-20-one-O-methyltrimethylsilyl ether

<b>Other names:</b>	3«alpha»-hydroxy-5«alpha»-pregnan-20-one, MO-TMS 5«ALPHA»-pregnan-3«alpha»-ol-20-one, o-methyloxime, tms derivative
<b>Inchi:</b>	InChI=1S/C25H45NO2Si/c1-17(26-27-4)21-10-11-22-20-9-8-18-16-19(28-29(5,6)7)12-14
<b>InchiKey:</b>	MFOIVZWKNBPHHX-UHFFFAOYSA-N
<b>Formula:</b>	C25H45NO2Si
<b>SMILES:</b>	CON=C(C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
<b>Mol. weight [g/mol]:</b>	419.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.67		Crippen Method
logp	6.888		Crippen Method
rinpol	2741.00		NIST Webbook

## Sources

<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=U69444&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U69444&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>

## 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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