

# Pregnan-20-one, 3,21-bis[(trimethylsilyl)oxy]-, O-methyloxime, (3«alpha»,5«alpha»)-

Other names:	3«alpha»,5«alpha»-Tetrahydrodeoxycorticosterone, MO-TMS
Inchi:	InChI=1S/C28H53NO3Si2/c1-27-16-14-21(32-34(7,8)9)18-20(27)10-11-22-23-12-13-25(2)
InchiKey:	XPDALQOLOZEWHW-WOZRRZFNSA-N
Formula:	C28H53NO3Si2
SMILES:	CON=C(CO[Si](C)(C)C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	507.90
CAS:	57305-33-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.06		Crippen Method
logp	7.719		Crippen Method
rinpol	2929.00		NIST Webbook
rinpol	2929.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C57305336&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C57305336&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<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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