

3«alpha»-Hydroxy-5«beta»-pregnan-20-one-methyloxime-trimethylsilyl

Other names:	3«alpha»-Hydroxy-5«beta»-pregnan-20-one-methyloxime-TMS 3«alpha»,5«beta»-Tetrahydroprogesterone, MO-TMS
Inchi:	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
InchiKey:	MFOIVZWKNBPHHX-LDQLYUNKSA-N
Formula:	C25H45NO2Si
SMILES:	CON=C(C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	419.72
CAS:	55557-04-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.67		Crippen Method
logp	6.888		Crippen Method
rinpol	2764.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557045&Units=SI

Legend

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

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