

17«alpha»-Hydroxyprogesterone, trimethylsilyl ether, bis(O-methyloxime)

Other names:	17«alpha»-Hydroxyprogesterone, 3,20-bis-MO, 17-TMS
Inchi:	InChI=1S/C26H44N2O3Si/c1-18(27-29-4)26(31-32(6,7)8)16-13-23-21-10-9-19-17-20(28-
InchiKey:	DJGZFMGSCOSLED-UHFFFAOYSA-N
Formula:	C26H44N2O3Si
SMILES:	CON=C1C=C2CCC3C(CCC4(C)C3CCC4(O[Si](C)(C)C)C(C)=NOC)C2(C)CC1
Mol. weight [g/mol]:	460.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.66		Crippen Method
logp	6.564		Crippen Method
rinpola	2910.00		NIST Webbook
rinpola	2910.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U394491&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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