

21-Hydroxyprogesterone, trimethylsilyl ether

Other names:	21-hydroxypregn-4-ene-3,20-dione, 21-TMS 21-Hydroxyprogesterone, tms derivative
Inchi:	InChI=1S/C24H38O3Si/c1-23-12-10-17(25)14-16(23)6-7-18-19-8-9-21(22(26)15-27-28(3
InchiKey:	TYJJIWLZXLKEU-UHFFFAOYSA-N
Formula:	C24H38O3Si
SMILES:	CC12CCC(=O)C=C1CCC1C2CCC2(C)C(C(=O)CO[Si](C)(C)C)CCC12
Mol. weight [g/mol]:	402.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.55		Crippen Method
logp	5.555		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332917&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/84-087-3/21-Hydroxyprogesterone-trimethylsilyl-ether.pdf>

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