

17«alpha»-Hydroxyprogesterone, trimethylsilyl ether

Other names:	17-[(Trimethylsilyl)oxy]pregn-4-ene-3,20-dione 17«ALPHA»-hydroxyprogesterone, tms derivative
Inchi:	InChI=1S/C24H38O3Si/c1-16(25)24(27-28(4,5)6)14-11-21-19-8-7-17-15-18(26)9-12-22(1
InchiKey:	DTNUAPPJOHKDLL-UHFFFAOYSA-N
Formula:	C24H38O3Si
SMILES:	CC(=O)C1(O[Si](C)(C)C)CCC2C3CCC4=CC(=O)CCC4(C)C3CCC21C
Mol. weight [g/mol]:	402.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.90		Crippen Method
logp	5.698		Crippen Method
rinpol	3048.40		NIST Webbook
rinpol	3048.40		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=U332964&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/95-635-2/17-alpha-Hydroxyprogesterone-trimethylsilyl-ether.pdf>

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