17«alpha»-Hydroxypregnenolone, bis(trimethylsilyl) ether

Other names:	3,17-Bis[(trimethylsilyl)oxy]pregn-5-en-20-one
	17«ALPHA»-hydroxypregnenolone, 2tms derivative
Inchi:	InChI=1S/C27H48O3Si2/c1-19(28)27(30-32(7,8)9)17-14-24-22-11-10-20-18-21(29-31(4,5
InchiKey:	DLZOVGNVZMMMNX-UHFFFAOYSA-N
Formula:	C27H48O3Si2
SMILES:	CC(=O)C1(O[Si](C)(C)C)CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC21C
Mol. weight [g/mol]:	476.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.13		Crippen Method
logp	7.349		Crippen Method
rinpol	2906.10		NIST Webbook
rinpol	2906.10		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=U332966&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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