20«alpha»-Hydroxycholesterol, di-TMS

Other names:	Cholesterol, 20«alpha»-hydroxy, TMS
Inchi:	InChI=1S/C33H62O2Si2/c1-24(2)13-12-20-33(5,35-37(9,10)11)30-17-16-28-27-15-14-25
InchiKey:	CQPWPAFGIXWUMR-BGYXAHISSA-N
Formula:	C33H62O2Si2
SMILES:	CC(C)CCCC(C)(O[Si](C)(C)C)C1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC21C
Mol. weight [g/mol]:	547.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.88		Crippen Method
logp	10.222		Crippen Method
rinpol	3315.00		NIST Webbook
rinpol	3315.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R11652&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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