3«beta»,4«beta»-Bis(trimethylsiloxy)cholest-5-ene

Other names:	Silane, [[(3«beta»,4«beta»)-cholest-5-ene-3,4-diyl]bis(oxy)]bis[trimethyl- Silane, (cholest-5-en-3«beta»,4«beta»-ylenedioxy)bis[trimethyl- 3,4-Bis[(trimethylsilyl)oxy]cholest-5-ene, (3«beta»,4«beta»)- Cholest-5-ene-3«beta»,4«beta»-diol, bis(trimethylsilyl) ether Silane, [[(3«beta»,4«beta»)-cholest-5-ene-3,4-diyl]bis(oxy)]bis*trimethyl- Silane, (cholest-5-en-3«beta»,4«beta»-ylenedioxy)bis*trimethyl- 3,4-Bis[(trimethylsilyl)oxy]cholest-5-ene
Inchi:	InChI=1S/C33H62O2Si2/c1-23(2)13-12-14-24(3)26-17-18-27-25-15-16-29-31(35-37(9,10
InchiKey:	MVQMBDWKOGOQJG-FLDZLRFFSA-N
Formula:	C33H62O2Si2
SMILES:	CC(C)CCCC(C)C1CCC2C3CC=C4C(O[Si](C)(C)C)C(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	547.02
CAS:	33287-25-1

Physical Properties

Property code	Value	Unit	Source
hvap	125.44	kJ/mol	Cheméo Relay (1.0)
log10ws	-8.49		Cheméo Relay (1.0)
logp	10.078		Crippen Method
rinpol	3238.70		NIST Webbook
rinpol	3238.70		NIST Webbook
tb	704.39	K	Cheméo Relay (1.0)
tf	370.53	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C33287251&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point