3,24-Bis[(trimethylsilyl)oxy]cholest-5-ene, (3«beta»,24R)-

Other names: Silane, [[(3«beta»,24R)-cholest-5-ene-3,24-diyl]bis(oxy)]bis[trimethyl-
(24R)-Hydroxycholesterol, di-TMS
(24R)-Hydroxycholesterol, bis-TMS
5-Cholesten-(3«beta»,24R)-diol, bis-TMS
5-Cholesten-3B(24R)-24-diol, TMS
24-Hydroxycholesterol, TMS
24-Hydroxycholesterol, di-TMS
25-Hydroxycholesterol, di-TMS

Inchi: InChI=1S/C33H62O2Si2/c1-23(2)31(35-37(9,10)11)17-12-24(3)28-15-16-29-27-14-13-25

InchiKey: IDFZCXSXIWKWOC-ADHLUSNTSA-N

Formula: C33H62O2Si2

SMILES: CC(C)C(CCC(C)C1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C)O[Si](C)(C)C

Mol. weight [g/mol]: 547.02

CAS: 55517-69-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.64		Crippen Method
logp	10.078		Crippen Method
rinpol	3390.00		NIST Webbook
rinpol	3395.00		NIST Webbook
rinpol	3385.00		NIST Webbook
rinpol	3385.00		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=C55517696&Units=SI

Legend

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