3,6-Bis[(trimethylsilyl)oxy]cholestane, (3«beta»,5«beta»,6«beta»)-

Other names: Silane, [[(3«beta»,5«beta»,6«beta»)-cholestane-3,6-diyl]bis(oxy)]bis[trimethyl-
Silane, (5«beta»-cholestan-3«beta»,6«beta»-ylenedioxy)bis[trimethyl-
5«alpha»-Cholestan-3«beta»,6«beta»-diol, TMS
Inchi: InChI=1S/C33H64O2Si2/c1-23(2)13-12-14-24(3)27-15-16-28-26-22-31(35-37(9,10)11)30
InchiKey: UBHDPUUHTCWMLG-WCVMRICBSA-N
Formula: C33H64O2Si2
SMILES: CC(C)CCCC(C)C1CCC2C3CC(O[Si](C)(C)C)C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]: 549.03
CAS: 33403-38-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.54		Crippen Method
logp	10.158		Crippen Method
rinpol	3230.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C33403382&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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.