

Silane, [[3«beta»)-lanosta-8,24-dien-3-yl]oxy]trimethyl-

Other names:	3-[(Trimethylsilyl)oxy]lanosta-8,24-diene, (3«beta»)- Lanosterol, TMS Lanosta-8,24-diene, 3-[(trimethylsilyl)oxy], (3«beta»)- Lanosterol, tms derivative
Inchi:	InChI=1S/C33H58OSi/c1-23(2)13-12-14-24(3)25-17-21-33(8)27-15-16-28-30(4,5)29(34-3
InchiKey:	VUPPLGLOGXZZKA-UHFFFAOYSA-N
Formula:	C33H58OSi
SMILES:	CC(C)=CCCC(C)C1CCC2(C)C3=C(CCC12C)C1(C)CCC(O[Si](C)(C)C)C(C)(C)C1CC3
Mol. weight [g/mol]:	498.90
CAS:	55493-84-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.48		Crippen Method
logp	10.338		Crippen Method
rinpol	3335.00		NIST Webbook
rinpol	3327.00		NIST Webbook
rinpol	3327.00		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=C55493840&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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