

3«beta»,16«alpha»,17«alpha»-Tris(trimethylsiloxy)

Other names:	Silane, [(3«beta»,16«alpha»,17«alpha»)-androst-5-ene-3,16,17-triyl]tris(oxy)tris(trimethyl- Silane, (androst-5-ene-3«beta»,16«alpha»,17«alpha»-triylthoxy)tris(trimethyl- Silane, (androst-5-ene-3«beta»,16«alpha»,17«alpha»-triyltrioxy)tris*trimethyl- 3,16,17-Tris[(trimethylsilyl)oxy]androst-5-ene, (3«beta»,16«alpha»,17«alpha»)- 3«beta»,16«alpha»,17«beta»-Trihydroxy-5-androstene, tris-TMS
Inchi:	InChI=1S/C28H54O3Si3/c1-27-16-14-21(29-32(3,4)5)18-20(27)12-13-22-23(27)15-17-28
InchiKey:	HVNNEDKUOOQWAG-PFBRLFDNSA-N
Formula:	C28H54O3Si3
SMILES:	CC12CCC(O[Si](C)(C)C)CC1=CCC1C2CCC2(C)C1CC(O[Si](C)(C)C)C2O[Si](C)(C)C
Mol. weight [g/mol]:	522.98
CAS:	25876-85-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	8.219		Crippen Method
rinpol	2860.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25876851&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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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