

3,11,17-tris[(Trimethylsilyl)oxy]androst-5-ene, (3«beta»,11«beta»,17«beta»)-

Other names:	Silane, [[3«beta»,11«beta»,17«beta»)-androst-5-ene-3,11,17-triyl]tris(oxy)tris(trimethylsilyl)silane, (androst-5-ene-3«beta»,11«beta»,17«beta»-triylthoxy)tris(trimethylsilyl)silane, 11B-Hydroxyandrosterone, tri-TMS Androst-5-ene-3,11,17-triol, (3«beta»,11«beta»,17«beta»)-, 3tms derivative
Inchi:	InChI=1S/C28H54O3Si3/c1-27-17-16-21(29-32(3,4)5)18-20(27)12-13-22-23-14-15-25(31-32)/3-4,5,18,20,27,29-32
InchiKey:	GZCXREKPWRHZEJ-JFHWZIHLSA-N
Formula:	C28H54O3Si3
SMILES:	CC12CCC(O[Si](C)(C)C)CC1=CCC1C2C(O[Si](C)(C)C)CC2(C)C(O[Si](C)(C)C)CCC12
Mol. weight [g/mol]:	522.98
CAS:	33287-29-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	8.219		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C33287295&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/50-602-7/3-11-17-tris-Trimethylsilyl-oxy-androst-5-ene-3-beta-11-beta-17-beta.pdf>

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