

3«beta»,17«beta»-Bis(trimethylsiloxy)androst-5-ene

Other names:	Silane, [[(3«beta»,17«beta»)-androst-5-ene-3,17-diol]bis(oxy)]bis(trimethylsilyloxy)androst-5-ene Silane, (androst-5-en-3«beta»,17«beta»-ylenedioxy)bis(trimethylsilyloxy)androst-5-ene Trimethylsilyl derivative of 5-Androstene-3«beta»,17«beta»-diol 3,17-Bis[(trimethylsilyloxy)androst-5-ene, (3«beta»,17«beta»)-5-Androstene-3-«beta»,17-«beta»-diol, bis-TMS Androst-5-ene-3«beta»,17«beta»-diol, di-TMS Androst-5-ene-3B,17B-diol, TMS 5-Androstene-3-«beta»,17-«beta»-diol, TMS Androstenediol, di-TMS Androstenediol, MO TMS Androst-5-ene-3«beta»,17«beta»-diol, 2tms derivative
Inchi:	InChI=1S/C25H46O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-28)25
InchiKey:	YXSPGYZGGCSNGLG-DUYKKJJHSA-N
Formula:	C25H46O2Si2
SMILES:	CC12CCC(O[Si](C)(C)C)CC1=CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12
Mol. weight [g/mol]:	434.80
CAS:	13110-76-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.01		Crippen Method
logp	7.389		Crippen Method
rinpol	2620.00		NIST Webbook
rinpol	2625.00		NIST Webbook
rinpol	2648.00		NIST Webbook
rinpol	2650.00		NIST Webbook
rinpol	2657.00		NIST Webbook
rinpol	2612.00		NIST Webbook
rinpol	2612.00		NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C13110764&Units=SI>

Legend

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

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