

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

Other names:

Silane, [[(3«beta»,17«alpha»)-androst-5-ene-3,17-diol]bis(oxy)]bis(trimethyl-
Silane, (androst-5-en-3«beta»,17«alpha»-ylenedioxy)bis(trimethyl-
Bis(trimethylsilyl) derivative of 5-Androstene-3«beta»,17«alpha»-diol
3,17-Bis[(trimethylsilyl)oxy]androst-5-ene, (3«beta»,17«alpha»)-
5-Androsten-3-«beta»,17-«alpha»-diol, bis-TMS
Androst-5-en-3«beta»,17«alpha»-diol, di-TMS
Androst-5-en-3B,17A-diol, TMS

5-Androsten-3-«beta»,17-«alpha»-diol, TMS

Androst-5-ene-3,17-diol, (3«beta»,17«alpha»)-, 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-

InchiKey:

YXSPGYZGGCSNLG-UYJXDEQJSA-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:

13111-27-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.01		Crippen Method
logp	7.389		Crippen Method
rinpol	2600.00		NIST Webbook
rinpol	2598.00		NIST Webbook
rinpol	2600.00		NIST Webbook
rinpol	2593.00		NIST Webbook
rinpol	2600.00		NIST Webbook
rinpol	2593.00		NIST Webbook
rinpol	2582.00		NIST Webbook

Sources

Crippen Method:

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

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C13111278&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
rinpol:	Non-polar retention indices

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