

# Androstane, 3,17-bis[(trimethylsilyl)oxy]-, (3«alpha»,5«alpha»,17«alpha»)-

Other names:

Silane, (5«alpha»-androstan-3«alpha»,17«alpha»-ylenedioxy)bis(trimethyl-3,17-Bis[(trimethylsilyl)oxy]androstane, (3«alpha»,5«alpha»,17«alpha»)-5-«alpha»-Androstan-3-«alpha»,17-«alpha»-diol, di-TMS  
5«alpha»-Androstanediol-3«alpha»,17«alpha», bis-TMS  
5-«alpha»-Androstan-3-«alpha»,17-«alpha»-diol, TMS  
Androstane-3,17-diol, (3«alpha»,5«alpha»,17«alpha»)-, 2tms derivative

Inchi:

InChI=1S/C25H48O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-

InchiKey:

KBSHKNYEUGMMDQ-CLYQZSFASA-N

Formula:

C25H48O2Si2

SMILES:

CC12CCC(O[Si](C)(C)C)CC1CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]:

436.82

CAS:

10426-35-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	7.469		Crippen Method
rinpol	2476.00		NIST Webbook
rinpol	2474.00		NIST Webbook
rinpol	2489.00		NIST Webbook
rinpol	2474.00		NIST Webbook
rinpol	2464.00		NIST Webbook
rinpol	2464.00		NIST Webbook

## Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C10426354&Units=SI>

Crippen Method:

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

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

# Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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