

# Androsta-3,5-diene, 3,17«beta»-bis(trimethylsiloxy)-

<b>Other names:</b>	Silane, [[(17«beta»)-androsta-3,5-diene-3,17-diy]]bis(oxy)]bis(trimethyl-3,17-Bis[(trimethylsilyl)oxy]androsta-3,5-diene, (17«beta»)-Testosterone, TMS Androst-4-en-17«beta»-ol-3-one, TMS Testosterone, di-TMS Testosterone, per-TMS Testosterone, bis-O-TMS Testosterone, bis-TMS (3,5-diene) Testosterone TMS Androstanedione, di-TMS 5A-Androstandione, TMS
<b>Inchi:</b>	InChI=1S/C25H44O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-
<b>InchiKey:</b>	MLVIKHIRGFETED-MCZOVZSXSA-N
<b>Formula:</b>	C25H44O2Si2
<b>SMILES:</b>	CC12CCC(O[Si](C)(C)C)=CC1=CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12
<b>Mol. weight [g/mol]:</b>	432.79
<b>CAS:</b>	25495-26-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	7.515		Crippen Method
rinpol	2652.00		NIST Webbook
rinpol	2671.00		NIST Webbook
rinpol	2691.00		NIST Webbook
rinpol	2696.00		NIST Webbook
rinpol	2699.00		NIST Webbook
rinpol	2671.00		NIST Webbook
rinpol	2696.00		NIST Webbook

## Sources

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

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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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