

3«beta»,16«beta»-Bis(trimethylsiloxy)androst-5-ene

Other names:	Androst-5-ene, 3,16-bis[(trimethylsilyl)oxy]-, (3«beta»,16«beta»)-Silane, (androst-5-en-3«beta»,16«beta»-ylenedioxy)bis[trimethyl-3,16-Bis[(trimethylsilyl)oxy]androst-5-ene, (3«beta»,16«beta»)-Androst-5-ene-3«beta»,16«beta»-diol, bis-TMS Androst-5-ene-3B,16B-diol, TMS Androst-5-ene-3«beta»,16«beta»-diol, 2tms derivative
Inchi:	InChI=1S/C25H46O2Si2/c1-24-13-12-22-21(23(24)16-20(17-24)27-29(6,7)8)10-9-18-15-
InchiKey:	VGEXBWOOSYGASX-NYCYRHNKSA-N
Formula:	C25H46O2Si2
SMILES:	CC12CCC3C(CC=C4CC(O[Si](C)(C)C)CCC43C)C1CC(O[Si](C)(C)C)C2
Mol. weight [g/mol]:	434.80
CAS:	33283-05-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.18		Cheméo Relay (1.0)
logp	7.389		Crippen Method
tf	386.21	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C33283055&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method:

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

Legend

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

tf: Normal melting (fusion) point

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<https://www.cheméo.com/cid/123-527-0/3-beta-16-beta-Bis-trimethylsiloxy-androst-5-ene.pdf>

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