

Androst-16-ene, 3,17-bis[(trimethylsilyl)oxy]-, (3«alpha»,5«beta»)-

Other names:

Silane, [[(3«alpha»,5«beta»)-androst-16-ene-3,17-diyl]bis(oxy)]bis(trimethyl-3,17-Bis[(trimethylsilyl)oxy]androst-16-ene, (3«alpha»,5«beta»)-
Androsterone, di-TMS

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: WRVSWIFKEWFLRU-UFXNSLRTSA-N

Formula: C25H46O2Si2

SMILES: CC12CCC3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CC=C2O[Si](C)(C)C

Mol. weight [g/mol]: 434.80

CAS: 57305-19-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.15		Crippen Method
logp	7.594		Crippen Method

Sources

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

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C57305198&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/68-385-0/Androst-16-ene-3-17-bis-trimethylsilyl-oxy-3-alpha-5-beta.pdf>

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