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

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