Silane, [[(3«beta»,17«beta»)-androst-5-ene-3,17-diyl]bis(o

Other names: 3«beta»,17«beta»-Bis(allyldimethylsilyloxy)androst-5-ene
5-Androsten-3«beta»,17«beta»-diol, allyl-DMS

Inchi: InChI=1S/C29H50O2Si2/c1-9-19-32(5,6)30-23-15-17-28(3)22(21-23)11-12-24-25-13-14-

InchiKey: PEOFGGDRWDLCMG-MEGCWLHLSA-N

Formula: C29H50O2Si2

SMILES: C=CC[Si](C)(C)OC1CCC2(C)C(=CCC3C2CCC2(C)C(O[Si](C)(C)CC=C)CCC32)C1

Mol. weight [g/mol]: 486.88

CAS: 66250-82-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.45		Cheméo Relay (1.0)
logp	8.502		Crippen Method
rinpol	3045.00		NIST Webbook
rinpol	3045.00		NIST Webbook
tf	346.74	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C66250826&Units=SI

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

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

Cheméo Relay (1.0):

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tf: Normal melting (fusion) point