

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:	PEOFGGDRWDLKMG-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/ci990307I>

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

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<https://www.cheméo.com/cid/119-750-7/Silane-3-beta-17-beta-androst-5-ene-3-17-diyl-bis-oxy-bis-dimethyl-2-proper>

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