

Silane, [(3«beta»,5«alpha»,17«beta»)-androstane-3,17-di

Other names:

Androstane, silane deriv.

t-Butyldimethylsilyl derivative of 5«alpha»-Androstane-3«beta»,17«beta»-diol

3-«beta»,17-«beta»-Bis(tert-butyldimethylsilyloxy)-5-«alpha»-androstane

3,17-Bis([tert-butyl(dimethyl)silyl]oxy)-5«alpha»-androstane-3«beta»,17«beta»-diol

5«alpha»-Androstane-3«beta»,17«beta»-diol, bis(tert-butyldimethylsilyl) ether

Androstane-3,17-diol, (3«beta»,5«alpha»,17«beta»)-, 2tbdms derivative

Inchi: InChI=1S/C31H60O2Si2/c1-28(2,3)34(9,10)32-23-17-19-30(7)22(21-23)13-14-24-25-15-

InchiKey: VXQXLCZNGSUBJR-UHFFFAOYSA-N

Formula: C31H60O2Si2

SMILES: CC12CCC(O[Si](C)(C)C(C)(C)C)CC1CCC1C2CCC2(C)C(O[Si](C)(C)C(C)(C)C)CCC12

Mol. weight [g/mol]: 520.98

CAS: 57711-47-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.43		Crippen Method
logp	9.810		Crippen Method
rinpol	3191.60		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C57711474&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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