Silane, [[(17«beta»)-androsta-3,5-diene-3,17-diyl]bis(oxy)]

Other names: 3,17-Bis([tert-butyl(dimethyl)silyl]oxy)androsta-3,5-diene, (17«beta»)-Androst-3,5-dien-3,17«beta»-diol, (3,17-O)-diTBDMSi

Inchi: InChI=1S/C31H56O2Si2/c1-28(2,3)34(9,10)32-23-17-19-30(7)22(21-23)13-14-24-25-15-

InchiKey: HAPKJTXIXLQIKC-JHDVNAQOSA-N

Formula: C31H56O2Si2

SMILES: CC12CCC(O[Si](C)(C)C(C)(C)C)=CC1=CCC1C2CCC2(C)C(O[Si](C)(C)C(C)(C)C)CCC1

Mol. weight [g/mol]: 516.95

CAS: 64898-31-3

Physical Properties

Property code	Value	Unit	Source
logp	9.855		Crippen Method
rinpol	3241.00		NIST Webbook
rinpol	3300.00		NIST Webbook
rinpol	3241.00		NIST Webbook

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C64898313&Units=SI

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

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

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices