Silane, [[(3«alpha»,5«beta»,20R)-pregnane-3,20-diyl]bis(c

Other names: Silane, [[(3«alpha»,5«beta»,20R)-pregnane-3,20-diyl]bis(oxy)]bis*(1,1-dimethylethyl)dimethyl-
5«beta»-Pregnane-3«alpha»,20«alpha»-diol, di-TBDMSi

Inchi: InChI=1S/C33H64O2Si2/c1-23(34-36(10,11)30(2,3)4)27-16-17-28-26-15-14-24-22-25(35

InchiKey: AZNWUPOSQLFONK-SYZATVQPSA-N

Formula: C33H64O2Si2

SMILES: CC(O[Si](C)(C)C(C)(C)C)C1CCC2C3CCC4CC(O[Si](C)(C)C(C)(C)C)CCC4(C)C3CCC12

Mol. weight [g/mol]: 549.03

CAS: 65598-77-8

Physical Properties

Property code	Value	Unit	Source
logp	10.446		Crippen Method
rinpol	3266.00		NIST Webbook
rinpol	3304.00		NIST Webbook
rinpol	3266.00		NIST Webbook
tf	399.14	K	Cheméo Relay (1.0)

Sources

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

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C65598778&Units=SI

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

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tf: Normal melting (fusion) point