

# 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, diTBDMS

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, diTBDMS

Inchi: InChI=1S/C33H64O2Si2/c1-23(34-36(10,11)30(2,3)4)27-16-17-28-26-15-14-24-22-25(35-36)21-19-20

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)C3CCC12C

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](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

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