

Silane, [[(3«beta»,17«beta»)-17-methylandro-5-ene-3,17-

Other names: Silane, [[(3«beta»,17«beta»)-17-methylandro-5-ene-3,17-diol]bis(oxy)]bis(trimethyl-Methandriol, per-TMS

Inchi: InChI=1S/C26H48O2Si2/c1-24-15-12-20(27-29(4,5)6)18-19(24)10-11-21-22(24)13-16-25

InchiKey: AJTSZZCGAJZQHD-ISKXKHDCSA-N

Formula: C26H48O2Si2

SMILES: CC12CCC(O[Si](C)(C)C)CC1=CCC1C2CCC2(C)C1CCC2(C)O[Si](C)(C)C

Mol. weight [g/mol]: 448.83

CAS: 39780-59-1

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.43 | | Crippen Method |
| logp | 7.780 | | Crippen Method |
| rinpol | 2732.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C39780591&Units=SI>

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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