17-«alpha»-Hydroxy-7-«alpha»,17-«alpha»-dimeth per-TMS

Inchi: InChI=1S/C27H50O2Si2/c1-19-17-20-18-21(28-30(5,6)7)11-14-25(20,2)22-12-15-26(3)23

InchiKey: ZDOMRCSGCJJBFH-QVPBXXOZSA-N

Formula: C27H50O2Si2

SMILES: CC1CC2C=C(O[Si](C)(C)C)CCC2(C)C2CCC3(C)C(CCC3(C)O[Si](C)(C)C)C12

Mol. weight [g/mol]: 462.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	8.231		Crippen Method
rinpol	2574.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R257193&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices