3«alpha»,16«alpha»-dihydroxy-5«alpha»-androsta TMS

InChI: InChI=1S/C25H46O3Si2/c1-24-13-11-18(27-29(3,4)5)15-17(24)9-10-19-20(24)12-14-25(

InchiKey: JTMVSMLYJSJYTE-GDHIKQQTSA-N

Formula: C25H46O3Si2

SMILES: CC12CCC3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CC(O[Si](C)(C)C)C2=O

Mol. weight [g/mol]: 450.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	6.648		Crippen Method
rinpol	2616.00		NIST Webbook
rinpol	2572.00		NIST Webbook
rinpol	2616.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R488174&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