Pyrimidine, 2,4-dihydroxy-6-oxo-5,5-diethyl, TMS

Inchi: InChI=1S/C14H28N2O3Si2/c1-9-14(10-2)11(17)15-13(19-21(6,7)8)16-12(14)18-20(3,4)5

InchiKey: AKTGSILXSAZINL-UHFFFAOYSA-N

Formula: C14H28N2O3Si2

SMILES: CCC1(CC)C(=O)N=C(O[Si](C)(C)C)N=C1O[Si](C)(C)C

Mol. weight [g/mol]: 328.55

Physical Properties

Property code	Value	Unit	Source
log10ws	0.80		Crippen Method
logp	3.791		Crippen Method
rinpol	1608.00		NIST Webbook
rinpol	1608.00		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R386800&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices