5,6-Dihydrouracil riboside, TMS

Inchi: InChI=1S/C24H54N2O6Si5/c1-33(2,3)27-18-19-21(30-35(7,8)9)22(31-36(10,11)12)23(28
InchiKey: SGLJECCPRJCTOX-OZWREYAUSA-N
Formula: C24H54N2O6Si5
SMILES: C[Si](C)(C)OCC1OC(N2CC=C(O[Si](C)(C)C)N=C2O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](
Mol. weight [g/mol]: 607.12

Physical Properties

Property code	Value	Unit	Source
log10ws	5.05		Crippen Method
logp	6.219		Crippen Method
rinpol	2409.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R93761&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices