Uridine, 2',3',5'-tris(O-TMIPSi)

Other names: Uridine, 2',3',5'-tris-O-cyclotetramethylene-isopropylsilyl
Inchi: InChI=1S/C30H54N2O6Si3/c1-22(2)39(15-7-8-16-39)35-21-25-27(37-40(23(3)4)17-9-10-
InchiKey: CFHFMQLBOALIRZ-JTAWXNAVSA-N
Formula: C30H54N2O6Si3
SMILES: CC(C)[Si]1(OCC2OC(n3ccc(=O)[nH]c3=O)C(O[Si]3(C(C)C)CCCC3)C2O[Si]2(C(C)C)CC
Mol. weight [g/mol]: 623.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	6.187		Crippen Method
rinpol	3815.00		NIST Webbook
rinpol	3815.00		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=R144755&Units=SI

Legend

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