uridine-2'(3')-monophosphate, TMS

Inchi: InChI=1S/C24H53N2O9PSi5/c1-37(2,3)29-18-19-21(33-39(7,8)9)22(31-36(28,34-40(10,1
InchiKey: LCNUWJAUTZRRBE-UHFFFAOYSA-N
Formula: C24H53N2O9PSi5
SMILES: C[Si](C)(C)OCC1OC(n2ccc(O[Si](C)(C)C)nc2=O)C(OP(=O)(O[Si](C)(C)C)O[Si](C)(C)C)C
Mol. weight [g/mol]: 685.09

Physical Properties

Property code	Value	Unit	Source
log10ws	3.11		Crippen Method
logp	6.622		Crippen Method
rinpol	2828.00		NIST Webbook
rinpol	2828.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R207222&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