Uridine, 2',5'-bis-O-acetyl, 3'-O-TBDMS

Inchi: InChI=1S/C19H30N2O8Si/c1-11(22)26-10-13-15(29-30(6,7)19(3,4)5)16(27-12(2)23)17(2
InchiKey: OUYQMVWHUBYHLQ-LHUBUQBQSA-N
Formula: C19H30N2O8Si
SMILES: CC(=O)OCC1OC(n2ccc(=O)[nH]c2=O)C(OC(C)=O)C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 442.54

Physical Properties

Property code	Value	Unit	Source
log10ws	0.12		Crippen Method
logp	0.837		Crippen Method
rinpol	2718.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R247339&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