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

Inchi: InChI=1S/C23H42N2O7Si2/c1-15(26)30-18-16(14-29-33(8,9)22(2,3)4)31-20(25-13-12-17
InchiKey: OAOVHPSCWFOCIJ-SGZDXZSOSA-N
Formula: C23H42N2O7Si2
SMILES: CC(=O)OC1C(CO[Si](C)(C)C(C)(C)C)OC(n2ccc(=O)[nH]c2=O)C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 514.76

Physical Properties

Property code	Value	Unit	Source
log10ws	0.17		Crippen Method
logp	3.296		Crippen Method
rinpol	2905.00		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=R247433&Units=SI

Legend

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