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

Latest version available from:

https://www.chemeo.com/cid/37-925-4/Uridine-2-O-TBDMS-3-O-acetyl-5-O-TBDMS.pdf

Generated by Cheméo on 2024-10-12 09:02:57.188402143 +0000 UTC m=+3304639.825371391.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.