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

Inchi:	InChI=1S/C21H40N2O6Si2/c1-20(2,3)30(7,8)27-13-14-17(29-31(9,10)21(4,5)6)16(25)18
InchiKey:	DBCXSIGLRZSREH-AGERRDQYSA-N
Formula:	C21H40N2O6Si2
SMILES:	CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O)C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	472.72

Physical Properties

Property code	Value	Unit	Source
log10ws	0.61		Crippen Method
logp	2.725		Crippen Method
rinpol	2884.00		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=R247453&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/25-538-7/Uridine-3-5-bis-O-TBDMS.pdf

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