

Uridine, 2',3',5'-tris(O-TMIPSi)

Other names:	Uridine, 2',3',5'-tris-O-cyclotetramethylene-isopropylsilyl
Inchi:	InChI=1S/C30H54N2O6Si3/c1-22(2)39(15-7-8-16-39)35-21-25-27(37-40(23(3)4)17-9-10
InchiKey:	CFHFMLBOALIRZ-JTAWXNAVSA-N
Formula:	C30H54N2O6Si3
SMILES:	CC(C)[Si]1(OCC2OC(n3ccc(=O)[nH]c3=O)C(O[Si]3(C(C)C)CCCC3)C2O[Si]2(C(C)C)CC
Mol. weight [g/mol]:	623.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	6.187		Crippen Method
rinsol	3815.00		NIST Webbook
rinsol	3815.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R144755&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/51-032-9/Uridine-2-3-5-tris-O-TMIPSi.pdf>

Generated by Cheméo on 2024-04-18 04:09:57.773695085 +0000 UTC m=+15702646.694272401.

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