O,O,O-Tris(tert-butyldimethylsilyl)uridine

Other names:	2',3',4'-Tris-O-tert-butyldimethylsilyl-uridine
	Uridine, 2',3',5'-tris-O-TBDMS
	Uridine, 2',3',5'-tris(O-TMTBSi)
	Uridine, 3tbdms derivative
Inchi:	InChI=1S/C27H54N2O6Si3/c1-25(2,3)36(10,11)32-18-19-21(34-37(12,13)26(4,5)6)22(35
InchiKey:	ZLBNLKHALKSZGU-UDIDDNNKSA-N
Formula:	C27H54N2O6Si3
SMILES:	CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O[Si](C)(C)C(C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	586.98
CAS:	64898-15-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.22		Crippen Method
logp	5.755		Crippen Method
rinpol	3102.00		NIST Webbook
rinpol	3128.00		NIST Webbook
rinpol	3102.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C64898153&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

Latest version available from:

https://www.chemeo.com/cid/116-035-4/O-O-O-Tris-tert-butyldimethylsilyl-uridine.pdf

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