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

Other names:	Uridine, 2',3',5'-tris-O-TMS
	Uridine, 2',3',5'-tris(O-TMSi)
	Uridine, tris-TMS
	Uridine, tris(trimethylsilyl) deriv.
	Uridine, 3tms derivative
Inchi:	InChI=1S/C18H36N2O6Si3/c1-27(2,3)23-12-13-15(25-28(4,5)6)16(26-29(7,8)9)17(24-13
InchiKey:	PMTYSPPFEFHVGD-UHFFFAOYSA-N
Formula:	C18H36N2O6Si3
SMILES:	C[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	460.74
CAS:	10457-16-6

Physical Properties

Property code	Value	Unit	Source
log10ws	3.99		Crippen Method
logp	2.244		Crippen Method
rinpol	2444.00		NIST Webbook
rinpol	2444.00		NIST Webbook
rinpol	2450.00		NIST Webbook
rinpol	2470.00		NIST Webbook
rinpol	2469.00		NIST Webbook
rinpol	2470.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10457166&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices