

# 5-methyluridine, 2',3',5'-tris(O-TMSi)

<b>Other names:</b>	5-Methyluridine, 2',3',5'-tris-O-TMS
<b>Inchi:</b>	InChI=1S/C19H38N2O6Si3/c1-13-11-21(19(23)20-17(13)22)18-16(27-30(8,9)10)15(26-2
<b>InchiKey:</b>	NPQPNHPRBSPWIM-FLZRJIMASA-N
<b>Formula:</b>	C19H38N2O6Si3
<b>SMILES:</b>	<chem>Cc1cn(C2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)[nH]c1=O</chem>
<b>Mol. weight [g/mol]:</b>	474.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.51		Crippen Method
logp	2.552		Crippen Method
rinqol	2481.00		NIST Webbook
rinqol	2481.00		NIST Webbook
rinqol	2481.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R144399&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R144399&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinqol:</b>	Non-polar retention indices

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