

# uridine, TMS

<b>Other names:</b>	Uridine, 2',3',5',4-tetrakis(O-TMSi) Uracil riboside, TMS
<b>Inchi:</b>	InChI=1S/C21H44N2O6Si4/c1-30(2,3)25-15-16-18(28-32(7,8)9)19(29-33(10,11)12)20(26
<b>InchiKey:</b>	GQVVRBIFPVSHCQ-XFQGIKGNSA-N
<b>Formula:</b>	C21H44N2O6Si4
<b>SMILES:</b>	C[Si](C)(C)OCC1OC(n2ccc(O[Si](C)(C)C)nc2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	532.93

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.86		Crippen Method
logp	4.646		Crippen Method
rinpol	2449.00		NIST Webbook
rinpol	2460.00		NIST Webbook
rinpol	2466.00		NIST Webbook
rinpol	2466.00		NIST Webbook
rinpol	2449.00		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=R95434&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R95434&amp;Units=SI</a>

## Legend

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

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