

# Uric acid, N,O,O',O''-tetrakis(trimethylsilyl)-

<b>Other names:</b>	Uric acid, TMS Uric acid, tetrakis-TMS
<b>Inchi:</b>	InChI=1S/C17H36N4O3Si4/c1-25(2,3)21-14-13(18-17(21)24-28(10,11)12)15(22-26(4,5)6
<b>InchiKey:</b>	AFJHZOLZVMKSLY-UHFFFAOYSA-N
<b>Formula:</b>	C17H36N4O3Si4
<b>SMILES:</b>	C[Si](C)(C)Oc1nc(O[Si](C)(C)C)c2nc(O[Si](C)(C)C)n([Si](C)(C)C)c2n1
<b>Mol. weight [g/mol]:</b>	456.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.07		Crippen Method
logp	5.150		Crippen Method
rinpol	2135.00		NIST Webbook
rinpol	2113.00		NIST Webbook
rinpol	2122.00		NIST Webbook
rinpol	2137.00		NIST Webbook
rinpol	2135.00		NIST Webbook
rinpol	2122.00		NIST Webbook
rinpol	2137.00		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=U71712&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U71712&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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