

# 2,4-Bis(tert-butyl dimethylsilyloxy)pyrimidine

<b>Other names:</b>	tert-Butyl-[2-(tert-butyl dimethylsilyl)oxy]pyrimidin-4-yl]oxy dimethylsilane Uracil diTBDMS
<b>Inchi:</b>	InChI=1S/C16H32N2O2Si2/c1-15(2,3)21(7,8)19-13-11-12-17-14(18-13)20-22(9,10)16(4,
<b>InchiKey:</b>	LYOOIEIYKSHSNR-UHFFFAOYSA-N
<b>Formula:</b>	C16H32N2O2Si2
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)Oc1ccnc(O[Si](C)(C)C(C)(C)C)n1
<b>Mol. weight [g/mol]:</b>	340.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.53		Crippen Method
logp	5.245		Crippen Method
rinpol	1766.00		NIST Webbook
rinpol	1765.00		NIST Webbook
rinpol	1766.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373255&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373255&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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