

# 4-(tert-Butylamino)-6-ethyl-6-trimethylsilylamino-5H-1,3,5-triazin-2-one

<b>Other names:</b>	1,3,5-Triazin-2(1H)-one, 4-[[1,1-dimethylethylamino]-6-(ethylamino)-6-trimethylsilylamino]-5H-1,3,5-triazin-2-one
<b>Inchi:</b>	InChI=1S/C12H25N5OSi/c1-8-17(19(5,6)7)10-13-9(14-11(18)15-10)16-12(2,3)4/h8H2,1-7H1
<b>InchiKey:</b>	JQMKISLBSJEZSA-UHFFFAOYSA-N
<b>Formula:</b>	C12H25N5OSi
<b>SMILES:</b>	CCN(c1nc(=O)nc(NC(C)(C)C)[nH]1)[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	283.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.24		Crippen Method
logp	1.555		Crippen Method
rinpol	1839.00		NIST Webbook
rinpol	1839.00		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=U373101&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373101&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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