

# Urocanic acid, N,O-bis(trimethylsilyl)-

<b>Other names:</b>	Urocanic acid, TMS Urocanic acid, 2tms derivative
<b>Inchi:</b>	InChI=1S/C12H22N2O2Si2/c1-17(2,3)14-9-11(13-10-14)7-8-12(15)16-18(4,5)6/h7-10H,1
<b>InchiKey:</b>	IHLJELKBOAFQBW-BQYQJAHWSA-N
<b>Formula:</b>	C12H22N2O2Si2
<b>SMILES:</b>	C[Si](C)(C)OC(=O)C=Cc1cn([Si](C)(C)C)cn1
<b>Mol. weight [g/mol]:</b>	282.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.01		Crippen Method
logp	2.957		Crippen Method

## 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=U141375&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U141375&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/40-986-3/Urocanic-acid-N-O-bis-trimethylsilyl.pdf>

Generated by Cheméo on 2024-05-08 04:52:55.578962127 +0000 UTC m=+17433224.499539442.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.