

# 1,1,1-trimethyl-N-((2E)-1-methyl-3-(trimethylsilyl)-4

<b>Other names:</b>	Pyrrol1-methyl-3-(trimethylsilyl)-4-[(trimethylsilyl)oxy]-1,3-dihydro-2H-imidazol-2-ylidenem (1-Methyl-3-(trimethylsilyl)-4-[(trimethylsilyl)oxy]-1,3-dihydro-2H-imidazol-2-ylidene)(trimet {1-Methyl-3-(trimethylsilyl)-4-[(trimethylsilyl)oxy]-1,3-dihydro-2H-imidazol-2-ylidene}(trimet Creatinine, tri-TMS Creatinine - 3tms derivative
<b>Inchi:</b>	InChI=1S/C13H31N3OSi3/c1-15-11-12(17-20(8,9)10)16(19(5,6)7)13(15)14-18(2,3)4/h11
<b>InchiKey:</b>	LZKCXGZZEBFBHI-UHFFFAOYSA-N
<b>Formula:</b>	C13H31N3OSi3
<b>SMILES:</b>	Cn1cc(O[Si](C)(C)C)n([Si](C)(C)C)c1=N[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	329.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.35		Crippen Method
logp	3.459		Crippen Method
rinpola	1570.00		NIST Webbook
rinpola	1548.30		NIST Webbook
rinpola	1548.30		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333947&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333947&amp;Units=SI</a>
<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>

## Legend

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

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