

# (3R)-3-Methyl-1,4-bis(trimethylsilyl)piperazine-2,5-dione

<b>Other names:</b>	3-Methylpiperazine-2,5-dione, (r)-, 2tms derivative
<b>Inchi:</b>	InChI=1S/C11H24N2O2Si2/c1-9-11(15)12(16(2,3)4)8-10(14)13(9)17(5,6)7/h9H,8H2,1-7H2
<b>InchiKey:</b>	ZOXDQSGKCBJYFL-UHFFFAOYSA-N
<b>Formula:</b>	C11H24N2O2Si2
<b>SMILES:</b>	CC1C(=O)N([Si](C)(C)C)CC(=O)N1[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	272.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.77		Crippen Method
logp	1.715		Crippen Method
rinpol	1372.70		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=U333700&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333700&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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