

# Quinoxaline, 2-methoxy-, 4-oxide

<b>Other names:</b>	2-Methoxyquinoxaline 4-oxide
<b>Inchi:</b>	InChI=1S/C9H8N2O2/c1-13-9-6-11(12)8-5-3-2-4-7(8)10-9/h2-6H,1H3
<b>InchiKey:</b>	MODWRNFLLLIINR-UHFFFAOYSA-N
<b>Formula:</b>	C9H8N2O2
<b>SMILES:</b>	COc1c[n+][O-]c2cccc2n1
<b>Mol. weight [g/mol]:</b>	176.17
<b>CAS:</b>	18916-46-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.69		Crippen Method
logp	0.877		Crippen Method
mcvol	126.150	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C18916466&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18916466&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>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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