

# 3-Methoxy-2,5-dimethylpyrazine

<b>Other names:</b>	Pyrazine, 3-methoxy-2,5-dimethyl- 2,5-Dimethyl-3-methoxypyrazine
<b>Inchi:</b>	InChI=1S/C7H10N2O/c1-5-4-8-6(2)7(9-5)10-3/h4H,1-3H3
<b>InchiKey:</b>	QYRGVELVPYDICQ-UHFFFAOYSA-N
<b>Formula:</b>	C7H10N2O
<b>SMILES:</b>	COc1nc(C)cnc1C
<b>Mol. weight [g/mol]:</b>	138.17
<b>CAS:</b>	19846-22-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.07		Crippen Method
logp	1.102		Crippen Method
mcpvol	111.560	ml/mol	McGowan Method
rinpol	1057.00		NIST Webbook
rinpol	1054.00		NIST Webbook
rinpol	1065.00		NIST Webbook
ripol	1419.00		NIST Webbook
ripol	1385.00		NIST Webbook
ripol	1421.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C19846221&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C19846221&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

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**ripol:** Polar retention indices

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