

# 2,5-Dimethylpyrazine-N-oxide

**Inchi:** InChI=1S/C6H8N2O/c1-5-4-8(9)6(2)3-7-5/h3-4H,1-2H3  
**InchiKey:** JXYUJHIUMUOJMJ-UHFFFAOYSA-N  
**Formula:** C6H8N2O  
**SMILES:** Cc1c[n+](O)c(C)cn1  
**Mol. weight [g/mol]:** 124.14

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.72		Crippen Method
logp	0.332		Crippen Method
mcvol	97.470	ml/mol	McGowan Method
rinpol	1279.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R412909&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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