

# Oxazole, 2-ethyl-4-methyl

**Inchi:** InChI=1S/C6H9NO/c1-3-6-7-5(2)4-8-6/h4H,3H2,1-2H3  
**InchiKey:** SRXOCFLMVTXDRQ-UHFFFAOYSA-N  
**Formula:** C6H9NO  
**SMILES:** CCc1nc(C)co1  
**Mol. weight [g/mol]:** 111.14

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	1.545		Crippen Method
mcvol	91.790	ml/mol	McGowan Method
ripol	818.00		NIST Webbook
ripol	818.00		NIST Webbook
ripol	1159.00		NIST Webbook
ripol	1159.00		NIST Webbook
ripol	1161.00		NIST Webbook
ripol	1193.00		NIST Webbook
ripol	1194.00		NIST Webbook
ripol	1194.00		NIST Webbook
ripol	1196.00		NIST Webbook
ripol	1193.00		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=R46132&Units=SI>

## 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
<b>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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