

# Oxazole, 5-ethyl-2-methyl

**Other names:** Oxazole, 2-methyl-5-ethyl  
**Inchi:** InChI=1S/C6H9NO/c1-3-6-4-7-5(2)8-6/h4H,3H2,1-2H3  
**InchiKey:** KVHQALCDTOJIBP-UHFFFAOYSA-N  
**Formula:** C6H9NO  
**SMILES:** CCc1cnc(C)o1  
**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
rinpol	818.00		NIST Webbook
rinpol	855.00		NIST Webbook
rinpol	855.00		NIST Webbook
ripol	1222.00		NIST Webbook
ripol	1210.00		NIST Webbook
ripol	1211.00		NIST Webbook
ripol	1222.00		NIST Webbook
ripol	1222.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R46178&Units=SI>  
**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>

## 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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