

# Oxazole, 4,5-diethyl

**Inchi:** InChI=1S/C7H11NO/c1-3-6-7(4-2)9-5-8-6/h5H,3-4H2,1-2H3  
**InchiKey:** OCNQWGMIRHLWNN-UHFFFAOYSA-N  
**Formula:** C7H11NO  
**SMILES:** CCc1ncoc1CC  
**Mol. weight [g/mol]:** 125.17

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.58		Crippen Method
logp	1.799		Crippen Method
mcvol	105.880	ml/mol	McGowan Method
rinpola	940.00		NIST Webbook
ripola	1279.00		NIST Webbook
ripol	1279.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R61853&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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