

# Oxazole, 4-methyl-2,5-dipropyl

**Inchi:** InChI=1S/C10H17NO/c1-4-6-9-8(3)11-10(12-9)7-5-2/h4-7H2,1-3H3  
**InchiKey:** OGSRPIYHUJRQFZ-UHFFFAOYSA-N  
**Formula:** C10H17NO  
**SMILES:** CCCc1nc(C)c(CCC)o1  
**Mol. weight [g/mol]:** 167.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.89		Crippen Method
logp	2.888		Crippen Method
mcvol	148.150	ml/mol	McGowan Method
rinpol	1159.00		NIST Webbook
ripol	1436.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R46182&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)  
**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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