

# Oxazole, 4,5-dimethyl-2-propyl-

<b>Other names:</b>	4,5-Dimethyl-2-propyloxazole 2-n-Propyl-4,5-dimethyloxazole
<b>Inchi:</b>	InChI=1S/C8H13NO/c1-4-5-8-9-6(2)7(3)10-8/h4-5H2,1-3H3
<b>InchiKey:</b>	SDRFPOFMNGISHT-UHFFFAOYSA-N
<b>Formula:</b>	C8H13NO
<b>SMILES:</b>	CCc1nc(C)c(C)o1
<b>Mol. weight [g/mol]:</b>	139.19
<b>CAS:</b>	53833-32-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.14		Crippen Method
logp	2.244		Crippen Method
mcvol	119.970	ml/mol	McGowan Method
rinpol	996.00		NIST Webbook
ripol	1310.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C53833322&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C53833322&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## 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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