

# 1-(2-Propenyl)piperidine

<b>Other names:</b>	Piperidine, 1-(2-propenyl)- N-Allylpiperidine
<b>Inchi:</b>	InChI=1S/C8H15N/c1-2-6-9-7-4-3-5-8-9/h2H,1,3-8H2
<b>InchiKey:</b>	KYGMSGYKSGNPHM-UHFFFAOYSA-N
<b>Formula:</b>	C8H15N
<b>SMILES:</b>	C=CCN1CCCCC1
<b>Mol. weight [g/mol]:</b>	125.21
<b>CAS:</b>	14446-67-4

## Physical Properties

Property code	Value	Unit	Source
chl	-5255.40 ± 1.00	kJ/mol	NIST Webbook
hfl	-36.40 ± 1.10	kJ/mol	NIST Webbook
log10ws	-1.49		Crippen Method
logp	1.658		Crippen Method
mcvol	118.400	ml/mol	McGowan Method
rinpol	931.00		NIST Webbook

## Sources

<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>
<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=C14446674&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14446674&amp;Units=SI</a>

## Legend

<b>chl:</b>	Standard liquid enthalpy of combustion
<b>hfl:</b>	Liquid phase enthalpy of formation at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

**rinpol:** Non-polar retention indices

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