

# Pyridine, 3-(1-buten-1-yl), (Z)-

**Inchi:** InChI=1S/C9H11N/c1-2-3-5-9-6-4-7-10-8-9/h3-8H,2H2,1H3/b5-3-  
**InchiKey:** KTXMSWAHSUYOHZ-HYXAFXHYSA-N  
**Formula:** C9H11N  
**SMILES:** CCC=Cc1ccnc1  
**Mol. weight [g/mol]:** 133.19

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	2.505		Crippen Method
mcvol	119.590	ml/mol	McGowan Method
rinpol	1131.00		NIST Webbook
rinpol	1131.00		NIST Webbook
rinpol	1131.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R68704&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  
**rinpol:** Non-polar retention indices

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