

# 1,4,4-(CH<sub>3</sub>)<sub>3</sub>-1,2,3,4-tetrahydropyridine

**Inchi:** InChI=1S/C8H15N/c1-8(2)4-6-9(3)7-5-8/h4,6H,5,7H2,1-3H3  
**InchiKey:** OBNANVWKTAVJEL-UHFFFAOYSA-N  
**Formula:** C<sub>8</sub>H<sub>15</sub>N  
**SMILES:** CN1C=CC(C)(C)CC1  
**Mol. weight [g/mol]:** 125.21  
**CAS:** 35079-50-6

## Physical Properties

Property code	Value	Unit	Source
affp	979.90	kJ/mol	NIST Webbook
basg	947.30	kJ/mol	NIST Webbook
log10ws	-1.74		Crippen Method
logp	1.862		Crippen Method
mcvol	118.400	ml/mol	McGowan Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C35079506&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

**affp:** Proton affinity  
**basg:** Gas basicity  
**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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