

# 2-(chloromethyl)-1-methylpiperidine

**Other names:** c-C<sub>5</sub>H<sub>9</sub>N,2-CH<sub>2</sub>Cl,1-CH<sub>3</sub>  
**Inchi:** InChI=1S/C7H14ClN/c1-9-5-3-2-4-7(9)6-8/h7H,2-6H2,1H3  
**InchiKey:** FGMRHGUEOYXVMX-UHFFFAOYSA-N  
**Formula:** C<sub>7</sub>H<sub>14</sub>ClN  
**SMILES:** CN1CCCCC1CCI  
**Mol. weight [g/mol]:** 147.65  
**CAS:** 49665-74-9

## Physical Properties

Property code	Value	Unit	Source
affp	965.00	kJ/mol	NIST Webbook
basg	934.20	kJ/mol	NIST Webbook
log10ws	-1.48		Crippen Method
logp	1.710		Crippen Method
mcvol	120.850	ml/mol	McGowan Method

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C49665749&Units=SI>

## 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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