

# Methyl 1-methyl-1,2,3,6-tetrahydropyridine-3-carboxylate

**Inchi:** InChI=1S/C8H13NO2/c1-9-5-3-4-7(6-9)8(10)11-2/h3-4,7H,5-6H2,1-2H3  
**InchiKey:** LGPGDOKRMJRCLE-UHFFFAOYSA-N  
**Formula:** C8H13NO2  
**SMILES:** COC(=O)C1C=CCN(C)C1  
**Mol. weight [g/mol]:** 155.19  
**CAS:** 86447-15-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.11		Crippen Method
logp	0.277		Crippen Method
mcvol	125.840	ml/mol	McGowan Method
rinpol	1170.80		NIST Webbook
rinpol	1170.80		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=C86447156&Units=SI>

## 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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