

# Methyl 1-methyl-1,2-dihydropyridine-3-carboxylate

**Inchi:** InChI=1S/C8H11NO2/c1-9-5-3-4-7(6-9)8(10)11-2/h3-5H,6H2,1-2H3  
**InchiKey:** CGYIFFSHZMZBES-UHFFFAOYSA-N  
**Formula:** C8H11NO2  
**SMILES:** COC(=O)C1=CC=CN(C)C1  
**Mol. weight [g/mol]:** 153.18  
**CAS:** 19355-19-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.70		Crippen Method
logp	0.545		Crippen Method
mcvol	121.540	ml/mol	McGowan Method
rinpol	1468.00		NIST Webbook
rinpol	1468.00		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=C19355192&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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