

# d-Proline, N-methoxycarbonyl-, methyl ester

**Inchi:** InChI=1S/C8H13NO4/c1-12-7(10)6-4-3-5-9(6)8(11)13-2/h6H,3-5H2,1-2H3  
**InchiKey:** SRFMYIWPQPIVPO-UHFFFAOYSA-N  
**Formula:** C8H13NO4  
**SMILES:** COC(=O)C1CCCN1C(=O)OC  
**Mol. weight [g/mol]:** 187.19

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.45		Crippen Method
logp	0.390		Crippen Method
mcvol	137.580	ml/mol	McGowan Method
rinpol	1433.00		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=U320785&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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