

# L-Proline, N-(4-methoxybenzoyl)-, ethyl ester

**Inchi:** InChI=1S/C15H19NO4/c1-3-20-15(18)13-5-4-10-16(13)14(17)11-6-8-12(19-2)9-7-11/h6-9  
**InchiKey:** YGSFKXRLFXPGLI-UHFFFAOYSA-N  
**Formula:** C15H19NO4  
**SMILES:** CCOC(=O)C1CCCN1C(=O)c1ccc(OC)cc1  
**Mol. weight [g/mol]:** 277.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	1.863		Crippen Method
mcvol	212.450	ml/mol	McGowan Method
rinpol	2345.00		NIST Webbook
rinpol	2345.00		NIST Webbook

## Sources

**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=U346266&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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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