

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

**Inchi:** InChI=1S/C14H25NO4/c1-3-4-5-6-7-11-19-13(16)12-9-8-10-15(12)14(17)18-2/h12H,3-11H  
**InchiKey:** ZVBQTVFVXWAYQX-UHFFFAOYSA-N  
**Formula:** C14H25NO4  
**SMILES:** CCCCCCOC(=O)C1CCCN1C(=O)OC  
**Mol. weight [g/mol]:** 271.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	2.731		Crippen Method
mcvol	222.120	ml/mol	McGowan Method
rinpol	1878.00		NIST Webbook
rinpol	1878.00		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=U320791&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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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