

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

**Inchi:** InChI=1S/C13H23NO4/c1-3-4-5-6-10-18-12(15)11-8-7-9-14(11)13(16)17-2/h11H,3-10H2  
**InchiKey:** RXVHUUMTUDPQKY-UHFFFAOYSA-N  
**Formula:** C13H23NO4  
**SMILES:** CCCCCCOC(=O)C1CCCN1C(=O)OC  
**Mol. weight [g/mol]:** 257.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.54		Crippen Method
logp	2.341		Crippen Method
mcvol	208.030	ml/mol	McGowan Method
rinpol	1792.00		NIST Webbook
rinpol	1792.00		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=U320790&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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