

# d-Proline, n-butoxycarbonyl-, hexyl ester

**Inchi:** InChI=1S/C16H29NO4/c1-3-5-7-8-13-20-15(18)14-10-9-11-17(14)16(19)21-12-6-4-2/h14  
**InchiKey:** GFKXBBMZAVNOMC-UHFFFAOYSA-N  
**Formula:** C16H29NO4  
**SMILES:** CCCCCCOC(=O)C1CCCN1C(=O)OCCCC  
**Mol. weight [g/mol]:** 299.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	3.511		Crippen Method
mcvol	250.300	ml/mol	McGowan Method
rinpol	1979.00		NIST Webbook
rinpol	1979.00		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=U321084&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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