

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

**Inchi:** InChI=1S/C20H37NO4/c1-3-5-7-8-9-10-11-12-17-24-19(22)18-14-13-15-21(18)20(23)25-  
**InchiKey:** HWOZMSDUQMVMBD-UHFFFAOYSA-N  
**Formula:** C20H37NO4  
**SMILES:** CCCCCCCCCCOC(=O)C1CCCN1C(=O)OCCCC  
**Mol. weight [g/mol]:** 355.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	5.071		Crippen Method
mcvol	306.660	ml/mol	McGowan Method
rinpol	2333.00		NIST Webbook
rinpol	2333.00		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=U321088&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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