

# D-Pro, N-ethoxycarbonyl, (S)-1-phenylethylamide

**Inchi:** InChI=1S/C16H22N2O3/c1-3-21-16(20)18-11-7-10-14(18)15(19)17-12(2)13-8-5-4-6-9-13  
**InchiKey:** FCMOKSLYERJIEZ-GXTWGEPZSA-N  
**Formula:** C16H22N2O3  
**SMILES:** CCOC(=O)N1CCCC1C(=O)NC(C)c1ccccc1  
**Mol. weight [g/mol]:** 290.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.46		Crippen Method
logp	2.485		Crippen Method
mcvol	230.650	ml/mol	McGowan Method
rinpole	2156.00		NIST Webbook
rinpole	2156.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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=R587523&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpole:** Non-polar retention indices

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