

# D-Pipecolic acid, N-ethoxycarbonyl, (S)-1-phenylethylamide

**Inchi:** InChI=1S/C17H24N2O3/c1-3-22-17(21)19-12-8-7-11-15(19)16(20)18-13(2)14-9-5-4-6-10  
**InchiKey:** ZIMZRTQSTJRFHY-DZGCQCCKSA-N  
**Formula:** C17H24N2O3  
**SMILES:** CCOC(=O)N1CCCCC1C(=O)NC(C)c1ccccc1  
**Mol. weight [g/mol]:** 304.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.88		Crippen Method
logp	2.875		Crippen Method
mcvol	244.740	ml/mol	McGowan Method
rinsol	2214.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R587518&Units=SI>

## Legend

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

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