

# Pipecolylpipecolic acid, N-propoxycarbonyl-, pentyl ester

**Inchi:** InChI=1S/C21H36N2O5/c1-3-5-10-16-27-20(25)18-12-7-8-13-22(18)19(24)17-11-6-9-14  
**InchiKey:** ZLRBUWYTUQJOHR-UHFFFAOYSA-N  
**Formula:** C21H36N2O5  
**SMILES:** CCCCCOC(=O)C1CCCCN1C(=O)C1CCCCN1C(=O)OCCC  
**Mol. weight [g/mol]:** 396.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.24		Crippen Method
logp	3.502		Crippen Method
mcvol	321.440	ml/mol	McGowan Method
rinpole	2749.00		NIST Webbook
rinpole	2749.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U393011&Units=SI>  
**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)

## 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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