

# Pipecolylpipecolic acid, N-ethoxycarbonyl-, tridecyl ester

**Inchi:** InChI=1S/C28H50N2O5/c1-3-5-6-7-8-9-10-11-12-13-18-23-35-27(32)25-20-15-16-21-29  
**InchiKey:** LIDYMYDVWCBIND-UHFFFAOYSA-N  
**Formula:** C28H50N2O5  
**SMILES:** CCCCCCCCCCCCCOC(=O)C1CCCCN1C(=O)C1CCCCN1C(=O)OCC  
**Mol. weight [g/mol]:** 494.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	6.233		Crippen Method
mcvol	420.070	ml/mol	McGowan Method
rinpole	3481.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U393091&Units=SI>  
**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>

## 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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