

# Pipecolylpipecolic acid, N-ethoxycarbonyl-, butyl ester

**Inchi:** InChI=1S/C19H32N2O5/c1-3-5-14-26-18(23)16-11-7-8-12-20(16)17(22)15-10-6-9-13-21  
**InchiKey:** QCUMNUBOPXPDNJ-UHFFFAOYSA-N  
**Formula:** C19H32N2O5  
**SMILES:** CCCOC(=O)C1CCCCN1C(=O)C1CCCCN1C(=O)OCC  
**Mol. weight [g/mol]:** 368.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.41		Crippen Method
logp	2.722		Crippen Method
mcvol	293.260	ml/mol	McGowan Method
rinpol	2585.00		NIST Webbook
rinpol	2585.00		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=U393082&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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