

# Pipecolic acid, N-isobutoxycarbonyl-, nonyl ester

**Inchi:** InChI=1S/C20H37NO4/c1-4-5-6-7-8-9-12-15-24-19(22)18-13-10-11-14-21(18)20(23)25-1  
**InchiKey:** AXZDJLYVBDIERK-UHFFFAOYSA-N  
**Formula:** C20H37NO4  
**SMILES:** CCCCCCCCCOC(=O)C1CCCCN1C(=O)OCC(C)C  
**Mol. weight [g/mol]:** 355.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.23		Crippen Method
logp	4.927		Crippen Method
mcvol	306.660	ml/mol	McGowan Method
rinpole	2412.00		NIST Webbook
rinpole	2412.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U393022&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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