

# L-Proline, N-(2-fluorobenzoyl)-, isohexyl ester

**Inchi:** InChI=1S/C18H24FNO3/c1-13(2)7-6-12-23-18(22)16-10-5-11-20(16)17(21)14-8-3-4-9-15  
**InchiKey:** CPCYXTSUXNGELC-UHFFFAOYSA-N  
**Formula:** C18H24FNO3  
**SMILES:** CC(C)CCCOC(=O)C1CCCN1C(=O)c1ccccc1F  
**Mol. weight [g/mol]:** 321.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	3.410		Crippen Method
mcvol	250.620	ml/mol	McGowan Method
rinpol	2352.00		NIST Webbook
rinpol	2352.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346096&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)  
**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  
**rinpol:** Non-polar retention indices

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