

# L-Proline, N-(3-chloro-2-fluorobenzoyl)-, pentadecyl ester

**Inchi:** InChI=1S/C27H41ClFNO3/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-21-33-27(32)24-19-16-20-  
**InchiKey:** UJOZFQUSXLHVJT-UHFFFAOYSA-N  
**Formula:** C27H41ClFNO3  
**SMILES:** CCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)c1cccc(Cl)c1F  
**Mol. weight [g/mol]:** 482.07

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.04		Crippen Method
logp	7.718		Crippen Method
mcvol	389.670	ml/mol	McGowan Method
rinpol	3575.00		NIST Webbook
rinpol	3575.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U345946&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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