

# I-Proline, n-pentafluoropropionyl-, ethyl ester

**Inchi:** InChI=1S/C10H12F5NO3/c1-2-19-7(17)6-4-3-5-16(6)8(18)9(11,12)10(13,14)15/h6H,2-5H  
**InchiKey:** AJXXYHNJFLEKCQ-UHFFFAOYSA-N  
**Formula:** C10H12F5NO3  
**SMILES:** CCOC(=O)C1CCCN1C(=O)C(F)(F)C(F)(F)F  
**Mol. weight [g/mol]:** 289.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	1.738		Crippen Method
mcvol	168.740	ml/mol	McGowan Method
rinpol	1323.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U321061&Units=SI>

## 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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