# L-Proline, N-(4-fluorobenzoyl)-, decyl ester

**Inchi:** InChI=1S/C22H32FNO3/c1-2-3-4-5-6-7-8-9-17-27-22(26)20-11-10-16-24(20)21(25)18-12
**InchiKey:** YOVFXSKAMXNERO-UHFFFAOYSA-N
**Formula:** C22H32FNO3
**SMILES:** CCCCCCCCCCOC(=O)C1CCCN1C(=O)c1ccc(F)cc1
**Mol. weight [g/mol]:** 377.49

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.26 | | Crippen Method |
| logp | 5.114 | | Crippen Method |
| mcvol | 306.980 | ml/mol | McGowan Method |
| rinpol | 2814.00 | | NIST Webbook |
| rinpol | 2814.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** 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=U346130&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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