# l-Proline, n-heptafluorobutyryl-, dodecyl ester

**Inchi:** InChI=1S/C21H32F7NO3/c1-2-3-4-5-6-7-8-9-10-11-15-32-17(30)16-13-12-14-29(16)18(3
**InchiKey:** JUZFIPAGYOTTJT-UHFFFAOYSA-N
**Formula:** C21H32F7NO3
**SMILES:** CCCCCCCCCCCCOC(=O)C1CCCN1C(=O)C(F)(F)C(F)(F)C(F)(F)F
**Mol. weight [g/mol]:** 479.47

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.12 | | Crippen Method |
| logp | 6.274 | | Crippen Method |
| mcvol | 327.270 | ml/mol | McGowan Method |
| rinpol | 2262.00 | | NIST Webbook |
| rinpol | 2262.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U321106&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## 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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