# L-Proline, N-(hexanoyl)-, tetradecyl ester

**Inchi:** InChI=1S/C25H47NO3/c1-3-5-7-8-9-10-11-12-13-14-15-17-22-29-25(28)23-19-18-21-26(
**InchiKey:** YNWVGLYLOGMERE-UHFFFAOYSA-N
**Formula:** C25H47NO3
**SMILES:** CCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)CCCCC
**Mol. weight [g/mol]:** 409.65

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.50 | | Crippen Method |
| logp | 6.802 | | Crippen Method |
| mcvol | 371.240 | ml/mol | McGowan Method |
| rinpol | 3050.00 | | NIST Webbook |
| rinpol | 3050.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U346163&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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