# D-Proline, N-ethoxycarbonyl-, heptadecyl ester

**Inchi:** InChI=1S/C25H47NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-30-24(27)23-20-1
**InchiKey:** KTTBCKAXKPKGMD-UHFFFAOYSA-N
**Formula:** C25H47NO4
**SMILES:** CCCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC
**Mol. weight [g/mol]:** 425.65

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hvap | 131.06 | kJ/mol | Cheméo Relay (1.0) |
| log10ws | -6.46 | | Cheméo Relay (1.0) |
| logp | 7.022 | | Crippen Method |
| mcvol | 377.110 | ml/mol | McGowan Method |
| rinpol | 2816.00 | | NIST Webbook |
| tb | 668.01 | K | Cheméo Relay (1.0) |
| tf | 311.77 | K | Cheméo Relay (1.0) |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Cheméo Relay (1.0):**
**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U320847&Units=SI
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**hvap:** Enthalpy of vaporization at standard conditions
**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume

| | |
|---|---|
| **rinpol:** | Non-polar retention indices |
| **tb:** | Normal Boiling Point Temperature |
| **tf:** | Normal melting (fusion) point |

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