# d-Proline, n-butoxycarbonyl-, octadecyl ester

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|---|---|
| **Inchi:** | InChI=1S/C28H53NO4/c1-3-5-7-8-9-10-11-12-13-14-15-16-17-18-19-20-25-32-27(30)26- |
| **InchiKey:** | RJHVLUYRZBKNOG-UHFFFAOYSA-N |
| **Formula:** | C28H53NO4 |
| **SMILES:** | CCCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCCCC |
| **Mol. weight [g/mol]:** | 467.72 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -8.82 | | Crippen Method |
| logp | 8.192 | | Crippen Method |
| mcvol | 419.380 | ml/mol | McGowan Method |
| rinpol | 3244.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=U321095&Units=SI |
| **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 |

## 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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