# 1-Aminocyclopentanecarboxylic acid, N-((1R)-(-)-menthyloxycarbonyl)-, hexyl ester

**Inchi:** InChI=1S/C23H41NO4/c1-5-6-7-10-15-27-21(25)23(13-8-9-14-23)24-22(26)28-20-16-18(

**InchiKey:** SFNTXIMXZGWTCH-UHFFFAOYSA-N

**Formula:** C23H41NO4

**SMILES:** CCCCCCOC(=O)C1(N=C(O)OC2CC(C)CCC2C(C)C)CCCC1

**Mol. weight [g/mol]:** 395.58

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -890.79 | kJ/mol | Joback Method |
| hvap | 96.96 | kJ/mol | Joback Method |
| log10ws | -6.17 | | Crippen Method |
| logp | 5.814 | | Crippen Method |
| mcvol | 338.070 | ml/mol | McGowan Method |
| pc | 1087.06 | kPa | Joback Method |
| tb | 1018.38 | K | Joback Method |
| tc | 1247.49 | K | Joback Method |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U392613&Units=SI

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

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**Joback Method:** https://en.wikipedia.org/wiki/Joback_method

## Legend

**hf:** Enthalpy of formation at standard conditions

**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 |
| **pc:** | Critical Pressure |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |