1-Aminocyclopentanecarboxylic acid, N-((1R)-(-)-menthyloxycarbonyl)-, pentyl ester

Inchi: InChI=1S/C22H39NO4/c1-5-6-9-14-26-20(24)22(12-7-8-13-22)23-21(25)27-19-15-17(4)1

InchiKey: OMFWCJGEVWESQT-UHFFFAOYSA-N

Formula: C22H39NO4

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

Mol. weight [g/mol]: 381.55

Physical Properties

Property code	Value	Unit	Source
hf	-870.15	kJ/mol	Joback Method
hvap	94.73	kJ/mol	Joback Method
log10ws	-5.75		Crippen Method
logp	5.424		Crippen Method
mcvol	323.980	ml/mol	McGowan Method
pc	1159.29	kPa	Joback Method
rinpol	2458.00		NIST Webbook
rinpol	2458.00		NIST Webbook
tb	995.50	K	Joback Method
tc	1221.21	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U392612&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

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

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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature