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

Inchi: InChI=1S/C19H33NO4/c1-5-23-17(21)19(10-6-7-11-19)20-18(22)24-16-12-14(4)8-9-15(1

InchiKey: RHWVVPLRSFWNNW-UHFFFAOYSA-N

Formula: C19H33NO4

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

Mol. weight [g/mol]: 339.47

Physical Properties

Property code	Value	Unit	Source
hf	-808.23	kJ/mol	Joback Method
hvap	88.06	kJ/mol	Joback Method
log10ws	-4.49		Crippen Method
logp	4.254		Crippen Method
mcvol	281.710	ml/mol	McGowan Method
pc	1425.07	kPa	Joback Method
rinpol	2188.00		NIST Webbook
tb	926.86	K	Joback Method
tc	1147.99	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U392609&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature