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

Inchi: InChI=1S/C20H35NO4/c1-5-12-24-18(22)20(10-6-7-11-20)21-19(23)25-17-13-15(4)8-9-1

InchiKey: ZOYVJCTUBWZUNK-UHFFFAOYSA-N

Formula: C20H35NO4

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

Mol. weight [g/mol]: 353.50

Physical Properties

Property code	Value	Unit	Source
hf	-828.87	kJ/mol	Joback Method
hvap	90.28	kJ/mol	Joback Method
log10ws	-4.91		Crippen Method
logp	4.644		Crippen Method
mcvol	295.800	ml/mol	McGowan Method
pc	1327.14	kPa	Joback Method
rinpol	2280.00		NIST Webbook
tb	949.74	K	Joback Method
tc	1171.52	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U392610&Units=SI

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