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

Inchi: InChI=1S/C28H51NO4/c1-5-6-7-8-9-10-11-12-15-20-32-26(30)28(18-13-14-19-28)29-27(
InchiKey: SYXXTKFSCALITB-UHFFFAOYSA-N
Formula: C28H51NO4
SMILES: CCCCCCCCCCCOC(=O)C1(N=C(O)OC2CC(C)CCC2C(C)C)CCCC1
Mol. weight [g/mol]: 465.71

Physical Properties

Property code	Value	Unit	Source
hf	-993.99	kJ/mol	Joback Method
hvap	108.09	kJ/mol	Joback Method
log10ws	-8.26		Crippen Method
logp	7.765		Crippen Method
mcvol	408.520	ml/mol	McGowan Method
pc	810.30	kPa	Joback Method
rinpol	3031.00		NIST Webbook
tb	1132.78	K	Joback Method
tc	1395.95	K	Joback Method

Sources

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=U392618&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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