1-Aminocyclopentanecarboxylic acid, N-(but-3-en-1-yloxycarbonyl)-, but-3-en-1-yl ester

Inchi: InChI=1S/C15H23NO4/c1-3-5-11-19-13(17)15(9-7-8-10-15)16-14(18)20-12-6-4-2/h3-4H,
InchiKey: RHUMBTFZGJMMSZ-UHFFFAOYSA-N
Formula: C15H23NO4
SMILES: C=CCCOC(=O)C1(N=C(O)OCCC=C)CCCC1
Mol. weight [g/mol]: 281.35

Physical Properties

Property code	Value	Unit	Source
hf	-483.17	kJ/mol	Joback Method
hvap	78.39	kJ/mol	Joback Method
log10ws	-3.24		Crippen Method
logp	2.925		Crippen Method
mcvol	227.610	ml/mol	McGowan Method
pc	1845.16	kPa	Joback Method
rinpol	1892.00		NIST Webbook
rinpol	1892.00		NIST Webbook
tb	818.93	K	Joback Method
tc	1024.25	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U392605&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