Glycine, 2-cyclohexyl-N-allyloxycarbonyl-, allyl ester

Inchi: InChI=1S/C15H23NO4/c1-3-10-19-14(17)13(12-8-6-5-7-9-12)16-15(18)20-11-4-2/h3-4,12

InchiKey: LKEWTPKJIBDNPE-UHFFFAOYSA-N

Formula: C15H23NO4

SMILES: C=CCOC(=O)C(N=C(O)OCC=C)C1CCCCC1

Mol. weight [g/mol]: 281.35

Physical Properties

Property code	Value	Unit	Source
hf	-509.85	kJ/mol	Joback Method
hvap	79.32	kJ/mol	Joback Method
log10ws	-3.00		Crippen Method
logp	2.781		Crippen Method
mcvol	227.610	ml/mol	McGowan Method
pc	1826.28	kPa	Joback Method
rinpol	1923.00		NIST Webbook
rinpol	1923.00		NIST Webbook
tb	822.52	K	Joback Method
tc	1029.91	K	Joback Method

Sources

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=U383082&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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