

# 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:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
Joback Method:	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U383082&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U383082&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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