

# Glycine, 2-cyclohexyl-N-(but-2-yn-1-yl)oxycarbonyl-, decyl ester

InChI: InChI=1S/C23H39NO4/c1-3-5-7-8-9-10-11-15-19-27-22(25)21(20-16-13-12-14-17-20)24  
InChIKey: NLDDFXNGHZAWJE-UHFFFAOYSA-N

Formula: C23H39NO4

SMILES: CC#CCOC(O)=NC(C(=O)OCCCCCCCCC)C1CCCCC1

Mol. weight [g/mol]: 393.56

## Physical Properties

Property code	Value	Unit	Source
hf	-653.53	kJ/mol	Joback Method
hvap	100.62	kJ/mol	Joback Method
log10ws	-6.44		Crippen Method
logp	5.573		Crippen Method
mcvol	340.330	ml/mol	McGowan Method
pc	1087.78	kPa	Joback Method
rinpol	2789.00		NIST Webbook
tb	1021.20	K	Joback Method
tc	1250.24	K	Joback Method

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

Joback Method: [https://en.wikipedia.org/wiki/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=U383221&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

<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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