

# Glycine, 2-cyclohexyl-N-(but-3-en-1-yl)oxycarbonyl-, pentadecyl ester

InChI: InChI=1S/C28H51NO4/c1-3-5-7-8-9-10-11-12-13-14-15-16-20-24-32-27(30)26(25-21-18-17-19-4)/n1  
InChIKey: QHKBJNVCMOEDH-UHFFFAOYSA-N

Formula: C28H51NO4

SMILES: C=CCCOC(O)=NC(C=O)OCCCCCCCCCCCCCCC1CCCCC1

Mol. weight [g/mol]: 465.71

## Physical Properties

Property code	Value	Unit	Source
hf	-903.60	kJ/mol	Joback Method
hvap	108.93	kJ/mol	Joback Method
log10ws	-8.59		Crippen Method
logp	8.076		Crippen Method
mcvol	415.080	ml/mol	McGowan Method
pc	758.90	kPa	Joback Method
rinpol	3179.00		NIST Webbook
tb	1123.28	K	Joback Method
tc	1399.76	K	Joback Method

## Sources

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=U383252&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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

<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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