

# Glycine, 2-cyclohexyl-N-(2-ethylhexyl)oxycarbonyl-, isoheptyl ester

Inchi: InChI=1S/C23H43NO4/c1-5-7-13-19(6-2)17-28-23(26)24-21(20-14-9-8-10-15-20)22(25)2  
InchiKey: NBCIMGGNSAMIEH-UHFFFAOYSA-N

Formula: C23H43NO4

SMILES: CCCCC(CC)COC(=O)=NC(C(=O)OCCCC(C)C)C1CCCCC1

Mol. weight [g/mol]: 397.59

## Physical Properties

Property code	Value	Unit	Source
hf	-936.39	kJ/mol	Joback Method
hvap	97.70	kJ/mol	Joback Method
log10ws	-6.16		Crippen Method
logp	6.062		Crippen Method
mcvol	348.930	ml/mol	McGowan Method
pc	991.38	kPa	Joback Method
tb	1011.32	K	Joback Method
tc	1238.71	K	Joback Method

## Sources

**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=U383149&Units=SI>

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

## 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

<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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