

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

InChI: InChI=1S/C30H57NO4/c1-4-7-9-10-11-12-13-14-15-16-20-24-34-29(32)28(27-22-18-17-13)  
InChIKey: INYPIYLWPUKFKP-UHFFFAOYSA-N

Formula: C30H57NO4

SMILES: CCCCCCCCCCCCCOC(=O)C(N=C(O)OCC(CC)CCCC)C1CCCCC1

Mol. weight [g/mol]: 495.78

## Physical Properties

Property code	Value	Unit	Source
hf	-1075.59	kJ/mol	Joback Method
hvap	113.67	kJ/mol	Joback Method
log10ws	-9.33		Crippen Method
logp	8.937		Crippen Method
mcvol	447.560	ml/mol	McGowan Method
pc	672.55	kPa	Joback Method
tb	1171.92	K	Joback Method
tc	1480.58	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=U383156&Units=SI>

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

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

logp: Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume  
**pc:** Critical Pressure  
**tb:** Normal Boiling Point Temperature  
**tc:** Critical Temperature

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