

# Glycine, 2-cyclohexyl-N-octyloxycarbonyl-, hexyl ester

**Inchi:** InChI=1S/C23H43NO4/c1-3-5-7-9-10-15-19-28-23(26)24-21(20-16-12-11-13-17-20)22(27)23  
**InchiKey:** CHEPWSOSZHUNBP-UHFFFAOYSA-N  
**Formula:** C23H43NO4  
**SMILES:** CCCCCCOC(=O)NC(C(=O)OCCCCC)C1CCCCC1  
**Mol. weight [g/mol]:** 397.59

## Physical Properties

Property code	Value	Unit	Source
hf	-925.83	kJ/mol	Joback Method
hvap	98.47	kJ/mol	Joback Method
log10ws	-6.64		Crippen Method
logp	6.350		Crippen Method
mcvol	348.930	ml/mol	McGowan Method
pc	981.46	kPa	Joback Method
rinpol	2691.00		NIST Webbook
rinpol	2691.00		NIST Webbook
tb	1012.20	K	Joback Method
tc	1240.97	K	Joback Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U383129&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)  
**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>

## 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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