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

**Inchi:** InChI=1S/C22H39NO4/c1-3-5-7-8-9-10-14-18-26-21(24)20(19-15-12-11-13-16-19)23-22(

**InchiKey:** BNOQASQXTRKYIB-UHFFFAOYSA-N

**Formula:** C22H39NO4

**SMILES:** C=CCCOC(O)=NC(C(=O)OCCCCCCCCC)C1CCCCC1

**Mol. weight [g/mol]:** 381.55

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -779.76 | kJ/mol | Joback Method |
| hvap | 95.58 | kJ/mol | Joback Method |
| log10ws | -6.08 | | Crippen Method |
| logp | 5.736 | | Crippen Method |
| mcvol | 330.540 | ml/mol | McGowan Method |
| pc | 1072.17 | kPa | Joback Method |
| rinpol | 2577.00 | | NIST Webbook |
| tb | 986.00 | K | Joback Method |
| tc | 1207.20 | K | Joback Method |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**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=U383246&Units=SI

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

## 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 |
| **rinpol:** | Non-polar retention indices |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |