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

Inchi: InChI=1S/C24H43NO4/c1-3-5-7-8-9-10-11-12-16-20-28-23(26)22(21-17-14-13-15-18-21)25-24(27)29-19-4-2/h4,21-22H,2-3,5-20H2,1H3,(H,25,27)

InchiKey: XQNITFVFBDGWGV-UHFFFAOYSA-N

Formula: C24H43NO4

SMILES: C=CCCOC(O)=NC(C(=O)OCCCCCCCCCCC)C1CCCCC1

Mol. weight [g/mol]: 409.60

Physical Properties

Property code	Value	Unit	Source
hf	-821.04	kJ/mol	Joback Method
hvap	100.03	kJ/mol	Joback Method
log10ws	-6.92		Crippen Method
logp	6.516		Crippen Method
mcvol	358.720	ml/mol	McGowan Method
pc	949.08	kPa	Joback Method
rinpol	2775.00		NIST Webbook
rinpol	2775.00		NIST Webbook
tb	1031.76	K	Joback Method
tc	1266.18	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U383248&Units=SI

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

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

Joback Method: https://en.wikipedia.org/wiki/Joback_method

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