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

Inchi: InChI=1S/C23H41NO4/c1-3-5-7-8-9-10-11-15-19-27-22(25)21(20-16-13-12-14-17-20)24-
InchiKey: DSXDSYZEOMFJQR-UHFFFAOYSA-N
Formula: C23H41NO4
SMILES: C=CCCOC(O)=NC(C(=O)OCCCCCCCCCC)C1CCCCC1
Mol. weight [g/mol]: 395.58

Physical Properties

Property code	Value	Unit	Source
hf	-800.40	kJ/mol	Joback Method
hvap	97.80	kJ/mol	Joback Method
log10ws	-6.50		Crippen Method
logp	6.126		Crippen Method
mcvol	344.630	ml/mol	McGowan Method
pc	1007.81	kPa	Joback Method
tb	1008.88	K	Joback Method
tc	1236.11	K	Joback Method

Sources

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=U383247&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: 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