Glycine, 2-cyclohexyl-N-isobutoxycarbonyl-, decyl ester

Inchi: InChI=1S/C23H43NO4/c1-4-5-6-7-8-9-10-14-17-27-22(25)21(20-15-12-11-13-16-20)24-2

InchiKey: OADIMKYHBKGREL-UHFFFAOYSA-N

Formula: C23H43NO4

SMILES: CCCCCCCCCCOC(=O)C(N=C(O)OCC(C)C)C1CCCCC1

Mol. weight [g/mol]: 397.59

Physical Properties

Property code	Value	Unit	Source
hf	-931.11	kJ/mol	Joback Method
hvap	98.08	kJ/mol	Joback Method
log10ws	-6.40		Crippen Method
logp	6.206		Crippen Method
mcvol	348.930	ml/mol	McGowan Method
pc	986.40	kPa	Joback Method
rinpol	2567.00		NIST Webbook
rinpol	2567.00		NIST Webbook
tb	1011.76	K	Joback Method
tc	1239.76	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U383100&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

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

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