Glycine, 2-cyclohexyl-N-ethoxycarbonyl-, octyl ester

Inchi: InChI=1S/C19H35NO4/c1-3-5-6-7-8-12-15-24-18(21)17(20-19(22)23-4-2)16-13-10-9-11-

InchiKey: PDSVSQQLQKDRGI-UHFFFAOYSA-N

Formula: C19H35NO4

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

Mol. weight [g/mol]: 341.49

Physical Properties

Property code	Value	Unit	Source
hf	-843.27	kJ/mol	Joback Method
hvap	89.57	kJ/mol	Joback Method
log10ws	-4.97		Crippen Method
logp	4.790		Crippen Method
mcvol	292.570	ml/mol	McGowan Method
pc	1268.25	kPa	Joback Method
rinpol	2322.00		NIST Webbook
rinpol	2322.00		NIST Webbook
tb	920.68	K	Joback Method
tc	1129.56	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=U383084&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature