Glycine, 2-cyclohexyl-N-propoxycarbonyl-, propyl ester

Inchi: InChI=1S/C15H27NO4/c1-3-10-19-14(17)13(12-8-6-5-7-9-12)16-15(18)20-11-4-2/h12-13
InchiKey: ZQKIUZHBOBLDSA-UHFFFAOYSA-N
Formula: C15H27NO4
SMILES: CCCOC(=O)C(N=C(O)OCCC)C1CCCCC1
Mol. weight [g/mol]: 285.38

Physical Properties

Property code	Value	Unit	Source
hf	-760.71	kJ/mol	Joback Method
hvap	80.66	kJ/mol	Joback Method
log10ws	-3.29		Crippen Method
logp	3.229		Crippen Method
mcvol	236.210	ml/mol	McGowan Method
pc	1701.90	kPa	Joback Method
rinpol	1937.00		NIST Webbook
rinpol	1937.00		NIST Webbook
tb	829.16	K	Joback Method
tc	1032.49	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U383066&Units=SI

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