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

Inchi: InChI=1S/C19H27NO4/c1-2-13-23-18(21)17(16-11-7-4-8-12-16)20-19(22)24-14-15-9-5-3

InchiKey: UYQDGSRQULZDCO-UHFFFAOYSA-N

Formula: C19H27NO4

SMILES: CCCOC(=O)C(N=C(O)OCc1ccccc1)C1CCCCC1

Mol. weight [g/mol]: 333.42

Physical Properties

Property code	Value	Unit	Source
hf	-606.74	kJ/mol	Joback Method
hvap	91.84	kJ/mol	Joback Method
log10ws	-4.57		Crippen Method
logp	4.019		Crippen Method
mcvol	268.810	ml/mol	McGowan Method
pc	1629.85	kPa	Joback Method
rinpol	2457.00		NIST Webbook
rinpol	2457.00		NIST Webbook
tb	947.36	K	Joback Method
tc	1172.77	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U383110&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