Glycine, 2-cyclohexyl-N-(2-ethylhexyl)oxycarbonyl-, decyl ester

Inchi: InChI=1S/C27H51NO4/c1-4-7-9-10-11-12-13-17-21-31-26(29)25(24-19-15-14-16-20-24)2
InchiKey: OYJSOKIMWJNJSK-UHFFFAOYSA-N
Formula: C27H51NO4
SMILES: CCCCCCCCCCOC(=O)C(N=C(O)OCC(CC)CCCC)C1CCCCC1
Mol. weight [g/mol]: 453.70

Physical Properties

Property code	Value	Unit	Source
hf	-1013.67	kJ/mol	Joback Method
hvap	106.99	kJ/mol	Joback Method
log10ws	-8.08		Crippen Method
logp	7.766		Crippen Method
mcvol	405.290	ml/mol	McGowan Method
pc	785.51	kPa	Joback Method
rinpol	2981.00		NIST Webbook
rinpol	2981.00		NIST Webbook
tb	1103.28	K	Joback Method
tc	1368.25	K	Joback Method

Sources

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=U383153&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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