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

Inchi: InChI=1S/C26H49NO4/c1-4-7-9-10-11-12-16-20-30-25(28)24(23-18-14-13-15-19-23)27-2
InchiKey: AWXOUCGYNFRBGX-UHFFFAOYSA-N
Formula: C26H49NO4
SMILES: CCCCCCCCCOC(=O)C(N=C(O)OCC(CC)CCCC)C1CCCCC1
Mol. weight [g/mol]: 439.67

Physical Properties

Property code	Value	Unit	Source
hf	-993.03	kJ/mol	Joback Method
hvap	104.76	kJ/mol	Joback Method
log10ws	-7.66		Crippen Method
logp	7.376		Crippen Method
mcvol	391.200	ml/mol	McGowan Method
pc	829.55	kPa	Joback Method
rinpol	2879.00		NIST Webbook
rinpol	2879.00		NIST Webbook
tb	1080.40	K	Joback Method
tc	1334.07	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=U383152&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