

Glycine,	
2-cyclohexyl-N-(but-3-en-1-yl)oxycarbonyl-,	
pentyl ester	InChI=1S/C18H31NO4/c1-3-5-10-14-22-17(20)16(15-11-8-7-9-12-15)19-18(21)23-13-6-4
Inchi:	
InchiKey:	HYVXPBQSMBFXMV-UHFFFAOYSA-N
Formula:	C18H31NO4
SMILES:	C=CCCOC(O)=NC(C(=O)OCCCCCC)C1CCCCC1
Mol. weight [g/mol]:	325.44

Physical Properties

Property code	Value	Unit	Source
hf	-697.20	kJ/mol	Joback Method
hvap	86.67	kJ/mol	Joback Method
log10ws	-4.40		Crippen Method
logp	4.175		Crippen Method
mcvol	274.180	ml/mol	McGowan Method
pc	1402.74	kPa	Joback Method
rinpol	2195.00		NIST Webbook
tb	894.48	K	Joback Method
tc	1101.57	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=U383241&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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