Glycyl-L-norleucine, N-dimethylaminomethylene-, ethyl ester

Inchi: InChI=1S/C13H25N3O3/c1-5-7-8-11(13(18)19-6-2)15-12(17)9-14-10-16(3)4/h10-11H,5-9

InchiKey: VBAUUBVZAQWFDZ-UHFFFAOYSA-N

Formula: C13H25N3O3

SMILES: CCCCC(NC(=O)CN=CN(C)C)C(=O)OCC

Mol. weight [g/mol]: 271.36

Physical Properties

Property code	Value	Unit	Source
hf	-471.09	kJ/mol	Joback Method
hvap	71.84	kJ/mol	Joback Method
log10ws	-1.43		Crippen Method
logp	0.814		Crippen Method
mcvol	228.680	ml/mol	McGowan Method
pc	1675.53	kPa	Joback Method
rinpol	1980.00		NIST Webbook
tb	765.85	K	Joback Method
tc	959.87	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375960&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