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

Inchi: InChI=1S/C12H23N3O3/c1-5-6-7-10(12(17)18-4)14-11(16)8-13-9-15(2)3/h9-10H,5-8H2,1

InchiKey: CLEQSGVTIXOOIR-UHFFFAOYSA-N

Formula: C12H23N3O3

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

Mol. weight [g/mol]: 257.33

Physical Properties

Property code	Value	Unit	Source
hf	-450.45	kJ/mol	Joback Method
hvap	69.61	kJ/mol	Joback Method
log10ws	-1.01		Crippen Method
logp	0.424		Crippen Method
mcvol	214.590	ml/mol	McGowan Method
pc	1815.41	kPa	Joback Method
rinpol	1921.00		NIST Webbook
rinpol	1921.00		NIST Webbook
tb	742.97	K	Joback Method
tc	937.72	K	Joback Method

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375961&Units=SI

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