Propanamide, 3-cyclopentyl-N-ethyl-

Inchi: InChI=1S/C10H19NO/c1-2-11-10(12)8-7-9-5-3-4-6-9/h9H,2-8H2,1H3,(H,11,12)
InchiKey: DJCLNHOZASRPFI-UHFFFAOYSA-N
Formula: C10H19NO
SMILES: CCN=C(O)CCC1CCCC1
Mol. weight [g/mol]: 169.26

Physical Properties

Property code	Value	Unit	Source
hf	-269.05	kJ/mol	Joback Method
hvap	58.18	kJ/mol	Joback Method
log10ws	-2.64		Crippen Method
logp	2.933		Crippen Method
mcvol	152.450	ml/mol	McGowan Method
pc	2485.07	kPa	Joback Method
tb	612.22	K	Joback Method
tc	810.67	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=U407373&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature