Propanamide, 3-cyclopentyl-N-propyl-

Inchi: InChI=1S/C11H21NO/c1-2-9-12-11(13)8-7-10-5-3-4-6-10/h10H,2-9H2,1H3,(H,12,13)
InchiKey: JFVXRMBZMVMSAZ-UHFFFAOYSA-N
Formula: C11H21NO
SMILES: CCCN=C(O)CCC1CCCC1
Mol. weight [g/mol]: 183.29

Physical Properties

Property code	Value	Unit	Source
hf	-289.69	kJ/mol	Joback Method
hvap	60.41	kJ/mol	Joback Method
log10ws	-3.06		Crippen Method
logp	3.323		Crippen Method
mcvol	166.540	ml/mol	McGowan Method
pc	2263.26	kPa	Joback Method
rinpol	1617.00		NIST Webbook
rinpol	1617.00		NIST Webbook
tb	635.10	K	Joback Method
tc	831.03	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=U407374&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