Cyclopropanecarboxamide, N-n-hexyl

Other names: Cyclopropanecarboxamide, N-hexyl
Inchi: InChI=1S/C10H19NO/c1-2-3-4-5-8-11-10(12)9-6-7-9/h9H,2-8H2,1H3,(H,11,12)
InchiKey: ALHFRCCMQLOXMY-UHFFFAOYSA-N
Formula: C10H19NO
SMILES: CCCCCCN=C(O)C1CC1
Mol. weight [g/mol]: 169.26
CAS: 122348-70-3

Physical Properties

Property code	Value	Unit	Source
hf	-256.73	kJ/mol	Joback Method
hvap	57.84	kJ/mol	Joback Method
log10ws	-2.64		Crippen Method
logp	2.933		Crippen Method
mcvol	152.450	ml/mol	McGowan Method
pc	2365.67	kPa	Joback Method
rinpol	1471.00		NIST Webbook
rinpol	1471.00		NIST Webbook
tb	603.68	K	Joback Method
tc	790.44	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=C122348703&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