Cyclopropanecarboxamide, N-cyclohexyl

Inchi: InChI=1S/C10H17NO/c12-10(8-6-7-8)11-9-4-2-1-3-5-9/h8-9H,1-7H2,(H,11,12)
InchiKey: SNRVHASXCDZNDP-UHFFFAOYSA-N
Formula: C10H17NO
SMILES: OC(=NC1CCCCC1)C1CC1
Mol. weight [g/mol]: 167.25

Physical Properties

Property code	Value	Unit	Source
hf	-202.41	kJ/mol	Joback Method
hvap	58.27	kJ/mol	Joback Method
log10ws	-2.65		Crippen Method
logp	2.686		Crippen Method
mcvol	141.590	ml/mol	McGowan Method
pc	2918.68	kPa	Joback Method
rinpol	1512.00		NIST Webbook
tb	623.23	K	Joback Method
tc	841.99	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R50565&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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