N'-Cyclohexyl-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C10H20N2/c1-9(12(2)3)11-10-7-5-4-6-8-10/h10H,4-8H2,1-3H3
InchiKey: BEPISJNGKFGLED-UHFFFAOYSA-N
Formula: C10H20N2
SMILES: CC(=NC1CCCCC1)N(C)C
Mol. weight [g/mol]: 168.28

Physical Properties

Property code	Value	Unit	Source
hf	-55.45	kJ/mol	Joback Method
hvap	43.72	kJ/mol	Joback Method
log10ws	-2.24		Crippen Method
logp	2.299		Crippen Method
mcvol	156.560	ml/mol	McGowan Method
pc	2322.54	kPa	Joback Method
rinpol	1322.00		NIST Webbook
tb	536.75	K	Joback Method
tc	753.97	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=R153516&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