N,N-Dimethyl-N'-cyclohexyl-pivalamidine

Inchi: InChI=1S/C13H26N2/c1-13(2,3)12(15(4)5)14-11-9-7-6-8-10-11/h11H,6-10H2,1-5H3
InchiKey: LKZZTGJYAHIUHE-UHFFFAOYSA-N
Formula: C13H26N2
SMILES: CN(C)C(=NC1CCCCC1)C(C)(C)C
Mol. weight [g/mol]: 210.36

Physical Properties

Property code	Value	Unit	Source
hf	-126.12	kJ/mol	Joback Method
hvap	49.10	kJ/mol	Joback Method
log10ws	-3.26		Crippen Method
logp	3.325		Crippen Method
mcvol	198.830	ml/mol	McGowan Method
pc	1820.06	kPa	Joback Method
rinpol	1410.00		NIST Webbook
tb	602.16	K	Joback Method
tc	821.18	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162644&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