N,N-Dimethyl-N'-cyclohexyl-p-chlorobenzamidine

Inchi: InChI=1S/C15H21ClN2/c1-18(2)15(12-8-10-13(16)11-9-12)17-14-6-4-3-5-7-14/h8-11,14H
InchiKey: ZZTHDFDDGFVBLK-BMRADRMJSA-N
Formula: C15H21ClN2
SMILES: CN(C)C(=NC1CCCCC1)c1ccc(Cl)cc1
Mol. weight [g/mol]: 264.79

Physical Properties

Property code	Value	Unit	Source
hf	50.67	kJ/mol	Joback Method
hvap	62.17	kJ/mol	Joback Method
log10ws	-4.23		Crippen Method
logp	3.981		Crippen Method
mcvol	215.490	ml/mol	McGowan Method
pc	1930.44	kPa	Joback Method
rinpol	1904.00		NIST Webbook
rinpol	1904.00		NIST Webbook
tb	720.24	K	Joback Method
tc	965.47	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159143&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