N,N-Dimethyl-N'-(4-chlorophenyl)-benzamidine

Inchi: InChI=1S/C15H15ClN2/c1-18(2)15(12-6-4-3-5-7-12)17-14-10-8-13(16)9-11-14/h3-11H,1-
InchiKey: MHDYVVGHJZLQLM-UHFFFAOYSA-N
Formula: C15H15ClN2
SMILES: CN(C)C(=Nc1ccc(Cl)cc1)c1ccccc1
Mol. weight [g/mol]: 258.75

Physical Properties

Property code	Value	Unit	Source
hf	232.88	kJ/mol	Joback Method
hvap	64.02	kJ/mol	Joback Method
log10ws	-3.92		Crippen Method
logp	3.980		Crippen Method
mcvol	202.590	ml/mol	McGowan Method
pc	2163.33	kPa	Joback Method
rinpol	2060.00		NIST Webbook
tb	727.37	K	Joback Method
tc	979.92	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R158853&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

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