N,N-Dimethyl-N'-hexyl-p-chlorobenzamidine

Inchi: InChI=1S/C15H23ClN2/c1-4-5-6-7-12-17-15(18(2)3)13-8-10-14(16)11-9-13/h8-11H,4-7,1
InchiKey: GKPKEJNFFNRBGE-BMRADRMJSA-N
Formula: C15H23ClN2
SMILES: CCCCCCN=C(c1ccc(Cl)cc1)N(C)C
Mol. weight [g/mol]: 266.81

Physical Properties

Property code	Value	Unit	Source
hf	-3.65	kJ/mol	Joback Method
hvap	61.74	kJ/mol	Joback Method
log10ws	-4.22		Crippen Method
logp	4.228		Crippen Method
mcvol	226.350	ml/mol	McGowan Method
pc	1624.60	kPa	Joback Method
rinpol	1870.00		NIST Webbook
rinpol	1870.00		NIST Webbook
tb	700.69	K	Joback Method
tc	911.72	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159267&Units=SI

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