N,N-Dimethyl-N'-butyl-p-chlorobenzamidine

Inchi: InChI=1S/C13H19ClN2/c1-4-5-10-15-13(16(2)3)11-6-8-12(14)9-7-11/h6-9H,4-5,10H2,1-3
InchiKey: ZEZQNBAWIVRTGR-FYWRMAATSA-N
Formula: C13H19ClN2
SMILES: CCCCN=C(c1ccc(Cl)cc1)N(C)C
Mol. weight [g/mol]: 238.76

Physical Properties

Property code	Value	Unit	Source
hf	37.63	kJ/mol	Joback Method
hvap	57.29	kJ/mol	Joback Method
log10ws	-3.38		Crippen Method
logp	3.448		Crippen Method
mcvol	198.170	ml/mol	McGowan Method
pc	1908.57	kPa	Joback Method
rinpol	1733.00		NIST Webbook
rinpol	1733.00		NIST Webbook
tb	654.93	K	Joback Method
tc	872.66	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=R159103&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