N,N-Dimethyl-N'-benzyl-p-chlorobenzamidine

Inchi: InChI=1S/C16H17ClN2/c1-19(2)16(14-8-10-15(17)11-9-14)18-12-13-6-4-3-5-7-13/h3-11H
InchiKey: DXGZZTLSENIZGU-UHFFFAOYSA-N
Formula: C16H17ClN2
SMILES: CN(C)C(=NCc1ccccc1)c1ccc(Cl)cc1
Mol. weight [g/mol]: 272.77

Physical Properties

Property code	Value	Unit	Source
hf	212.24	kJ/mol	Joback Method
hvap	66.25	kJ/mol	Joback Method
log10ws	-4.24		Crippen Method
logp	3.848		Crippen Method
mcvol	216.680	ml/mol	McGowan Method
pc	1982.35	kPa	Joback Method
rinpol	2121.00		NIST Webbook
rinpol	2121.00		NIST Webbook
tb	750.25	K	Joback Method
tc	997.36	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=R159069&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