N,N-Dimethyl-N'-phenyl-p-chlorobenzamidine

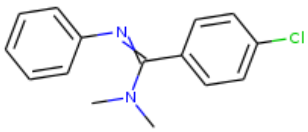
InChI: InChI=1S/C15H15ClN2/c1-18(2)15(12-8-10-13(16)11-9-12)17-14-6-4-3-5-7-14/h3-11H,1-2H3

InChI Key: PZTRCNWKIDVVPO-UHFFFAOYSA-N

Formula: C15H15ClN2

SMILES: CN(C)C(=Nc1ccccc1)c1ccc(Cl)cc1

Molecular Weight: 258.75



Physical Properties

Property	Value	Unit	Source
$\Delta_f H°_{gas}$	232.88	kJ/mol	Joback Method
$\Delta_{vap} H°$	64.02	kJ/mol	Joback Method
$logP_{oct/wat}$	3.980		Crippen Method
P_c	2163.33	kPa	Joback Method
T_{boil}	727.37	K	Joback Method
T_c	979.92	K	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method

NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C15H15ClN2/c1-18(2)15(12-8-10-13(16)11-9-12)17-14-6-4-3-5-7-14/h3-11H,1-2H3

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

$\Delta_f H°_{gas}$: Enthalpy of formation at standard conditions (kJ/mol).
$\Delta_{vap} H°$: Enthalpy of vaporization at standard conditions (kJ/mol).
$logP_{oct/wat}$: Octanol/Water partition coefficient .
P_c: Critical Pressure (kPa).
T_{boil}: Normal Boiling Point Temperature (K).

T_c: Critical Temperature (K).