((CH3)2N)2C=N(4-ClC6H4)

Inchi: InChI=1S/C11H16ClN3/c1-14(2)11(15(3)4)13-10-7-5-9(12)6-8-10/h5-8H,1-4H3
InchiKey: NDKSAYCLPKGOPH-UHFFFAOYSA-N
Formula: C11H16ClN3
SMILES: CN(C)C(=Nc1ccc(Cl)cc1)N(C)C
Mol. weight [g/mol]: 225.72
CAS: 20815-38-7

Physical Properties

Property code	Value	Unit	Source
affp	1027.90	kJ/mol	NIST Webbook
basg	995.50	kJ/mol	NIST Webbook
hf	146.44	kJ/mol	Joback Method
hvap	54.88	kJ/mol	Joback Method
log10ws	-2.11		Crippen Method
logp	2.451		Crippen Method
mcvol	179.970	ml/mol	McGowan Method
pc	2269.73	kPa	Joback Method
tb	621.61	K	Joback Method
tc	843.89	K	Joback Method

Sources

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=C20815387&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

affp: Proton affinity

basg:	Gas basicity
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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature