

N,N-Dimethyl-N'-(4-chlorophenyl)-propionamidine

Inchi:	InChI=1S/C11H15ClN2/c1-4-11(14(2)3)13-10-7-5-9(12)6-8-10/h5-8H,4H2,1-3H3/b13-11+
InchiKey:	QKHPIINEPWKYTJ-ACCUITESSA-N
Formula:	C11H15ClN2
SMILES:	CCC(=Nc1ccc(Cl)cc1)N(C)C
Mol. weight [g/mol]:	210.70

Physical Properties

Property code	Value	Unit	Source
hf	78.91	kJ/mol	Joback Method
hvap	52.84	kJ/mol	Joback Method
log10ws	-3.05		Crippen Method
logp	3.342		Crippen Method
mcvol	169.990	ml/mol	McGowan Method
pc	2274.07	kPa	Joback Method
rinpol	1729.00		NIST Webbook
tb	609.17	K	Joback Method
tc	834.93	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=R161958&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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

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