N,N'-bis-(3-Chlorophenyl)formamidine

Inchi: InChI=1S/C13H10Cl2N2/c14-10-3-1-5-12(7-10)16-9-17-13-6-2-4-11(15)8-13/h1-9H,(H,16
InchiKey: ANZFKYAQFSGBES-UHFFFAOYSA-N
Formula: C13H10Cl2N2
SMILES: Clc1cccc(N=CNc2cccc(Cl)c2)c1
Mol. weight [g/mol]: 265.14

Physical Properties

Property code	Value	Unit	Source
hf	242.68	kJ/mol	Joback Method
hvap	68.93	kJ/mol	Joback Method
log10ws	-4.73		Crippen Method
logp	4.765		Crippen Method
mcvol	186.650	ml/mol	McGowan Method
pc	2500.00	kPa	Joback Method
rinpol	2399.00		NIST Webbook
rinpol	2399.00		NIST Webbook
tb	761.87	K	Joback Method
tc	1024.74	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=R161696&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