p-chlorobenzylidene-(3-chlorophenyl)-amine

Inchi: InChI=1S/C13H9Cl2N/c14-11-6-4-10(5-7-11)9-16-13-3-1-2-12(15)8-13/h1-9H/b16-9+
InchiKey: NNWYYLJSAVGNSF-CXUHLZMHSA-N
Formula: C13H9Cl2N
SMILES: Clc1ccc(C=Nc2cccc(Cl)c2)cc1
Mol. weight [g/mol]: 250.12

Physical Properties

Property code	Value	Unit	Source
hf	189.21	kJ/mol	Joback Method
hvap	62.49	kJ/mol	Joback Method
log10ws	-4.71		Crippen Method
logp	4.744		Crippen Method
mcvol	176.670	ml/mol	McGowan Method
pc	2467.81	kPa	Joback Method
rinpol	2171.00		NIST Webbook
rinpol	2171.00		NIST Webbook
tb	711.70	K	Joback Method
tc	979.46	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=R159747&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