N,N-Dimethyl-N'-(3-chlorophenyl)-p-chlorobenzan

Inchi: InChI=1S/C15H14Cl2N2/c1-19(2)15(11-6-8-12(16)9-7-11)18-14-5-3-4-13(17)10-14/h3-10
InchiKey: QGOOPVSATWWCEY-UHFFFAOYSA-N
Formula: C15H14Cl2N2
SMILES: CN(C)C(=Nc1cccc(Cl)c1)c1ccc(Cl)cc1
Mol. weight [g/mol]: 293.19

Physical Properties

Property code	Value	Unit	Source
hf	205.67	kJ/mol	Joback Method
hvap	69.07	kJ/mol	Joback Method
log10ws	-4.61		Crippen Method
logp	4.633		Crippen Method
mcvol	214.830	ml/mol	McGowan Method
pc	2062.36	kPa	Joback Method
rinpol	2199.00		NIST Webbook
tb	769.78	K	Joback Method
tc	1024.92	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=R158620&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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