p-chlorobenzylidene-(3-methylphenyl)-amine

Inchi: InChI=1S/C14H12ClN/c1-11-3-2-4-14(9-11)16-10-12-5-7-13(15)8-6-12/h2-10H,1H3
InchiKey: INDRVKPWDCDORT-UHFFFAOYSA-N
Formula: C14H12ClN
SMILES: Cc1cccc(N=Cc2ccc(Cl)cc2)c1
Mol. weight [g/mol]: 229.71

Physical Properties

Property code	Value	Unit	Source
hf	184.31	kJ/mol	Joback Method
hvap	60.33	kJ/mol	Joback Method
log10ws	-4.50		Crippen Method
logp	4.399		Crippen Method
mcvol	178.520	ml/mol	McGowan Method
pc	2329.27	kPa	Joback Method
rinpol	2056.00		NIST Webbook
tb	697.15	K	Joback Method
tc	956.60	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R159772&Units=SI

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