p-chlorobenzylidene-(3-ethoxyphenyl)-amine

Inchi: InChI=1S/C15H14ClNO/c1-2-18-15-5-3-4-14(10-15)17-11-12-6-8-13(16)9-7-12/h3-11H,2
InchiKey: WUJJJOMMLHBRDL-GZTJUZNOSA-N
Formula: C15H14ClNO
SMILES: CCOc1cccc(N=Cc2ccc(Cl)cc2)c1
Mol. weight [g/mol]: 259.73

Physical Properties

Property code	Value	Unit	Source
hf	31.45	kJ/mol	Joback Method
hvap	64.97	kJ/mol	Joback Method
log10ws	-4.56		Crippen Method
logp	4.489		Crippen Method
mcvol	198.480	ml/mol	McGowan Method
pc	2094.58	kPa	Joback Method
rinpol	2249.00		NIST Webbook
tb	742.45	K	Joback Method
tc	991.67	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=R159752&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