p-chlorobenzylidene-(4-methoxyphenyl)-amine

Inchi: InChI=1S/C14H12ClNO/c1-17-14-8-6-13(7-9-14)16-10-11-2-4-12(15)5-3-11/h2-10H,1H3
InchiKey: LTTLSCCNSQUJKZ-UHFFFAOYSA-N
Formula: C14H12ClNO
SMILES: COc1ccc(N=Cc2ccc(Cl)cc2)cc1
Mol. weight [g/mol]: 245.70

Physical Properties

Property code	Value	Unit	Source
hf	52.09	kJ/mol	Joback Method
hvap	62.74	kJ/mol	Joback Method
log10ws	-4.14		Crippen Method
logp	4.099		Crippen Method
mcvol	184.390	ml/mol	McGowan Method
pc	2291.52	kPa	Joback Method
rinpol	2235.00		NIST Webbook
tb	719.57	K	Joback Method
tc	974.42	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=R159821&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