1-Chlorobenzene,-4-(4-methoxybenzylidenamino)

Other names: p-methoxybenzylidene-(4-chlorophenyl)-amine
Inchi: InChI=1S/C14H12ClNO/c1-17-14-8-2-11(3-9-14)10-16-13-6-4-12(15)5-7-13/h2-10H,1H3
InchiKey: WREIZRNCBYSYQW-UHFFFAOYSA-N
Formula: C14H12ClNO
SMILES: COc1ccc(C=Nc2ccc(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	2259.00		NIST Webbook
tb	719.57	K	Joback Method
tc	974.42	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=U221924&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