Ethanol, 2,2'-((m-chlorophenyl)imino)di-

Other names:	N-(3-Chlorophenyl)-2,2'-iminodiethanol
	N,N-Dihydroxyethyl-m-chloroaniline
	N,N-Bis(2-hydroxyethyl)-m-chloroaniline
	Ethanol, 2,2'-[(3-chlorophenyl)imino]bis-
	(m-Chlorophenyl)diethanolamine
	m-Chloro-N,N-bis(2-hydroxyethyl)aniline
	Aniline, m-chloro-N,N-bis(2-hydroxyethyl)-
	Aniline, m-chloro-N,N-dihydroxyethyl-
	Ethanol, 2,2'-(m-chloroanilino)bis-
	N-(m-Chlorophenyl)diethanolamine
	N-(3-Chlorophenyl)diethanolamine
	N,N-Bis(2-hydroxyethyl)-3-chloroaniline
	N,N-Di(«beta»-hydroxyethyl)-m-chloroaniline
	2,2'-(m-chlorophenylimino)diethanol
	3-Chloro-N,N-bis(2-hydroxyethyl)aniline
	N,N-Bis(2-hydroxyethyl)chloroanilide
	Diethanolaminochlorobenzene
	N,N-Dihydroxyethyl-3-chloroaniline
	Emery 5715
	Emery 5717
	NSC 58170
	2,2'-(3-chlorophenylimino)diethanol
Inchi:	InChI=1S/C10H14ClNO2/c11-9-2-1-3-10(8-9)12(4-6-13)5-7-14/h1-3,8,13-14H,4-7H2
InchiKey:	MVQUJEUCFOGFJU-UHFFFAOYSA-N
Formula:	C10H14ClNO2
SMILES:	OCCN(CCO)c1cccc(Cl)c1
Mol. weight [g/mol]:	215.68
CAS:	92-00-2

Physical Properties

Property code	Value	Unit	Source
gf	-38.69	kJ/mol	Joback Method
hf	-277.34	kJ/mol	Joback Method
hfus	30.70	kJ/mol	Joback Method
hvap	80.58	kJ/mol	Joback Method
log10ws	-1.43		Crippen Method

logp	1.131		Crippen Method
mcvol	161.960	ml/mol	McGowan Method
pc	3392.03	kPa	Joback Method
tb	694.09	K	Joback Method
tc	880.89	K	Joback Method
tf	425.43	K	Joback Method
vc	0.593	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	422.46	J/mol×K	694.09	Joback Method
cpg	432.27	J/mol×K	725.22	Joback Method
cpg	441.50	J/mol×K	756.36	Joback Method
cpg	450.18	J/mol×K	787.49	Joback Method
cpg	458.35	J/mol×K	818.62	Joback Method
cpg	466.03	J/mol×K	849.76	Joback Method
cpg	473.26	J/mol×K	880.89	Joback Method

Sources

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=C92002&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

cpg: Ideal gas heat capacity
gf: Standard Gibbs free energy of formation
hf: Enthalpy of formation at standard conditions
hfus: Enthalpy of fusion 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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume