Cyclopropanecarboxanilide, 3',4'-dichloro-

Other names:	Cypromid
	Cyclopropanecarboxamide, N-(3,4-dichlorophenyl)-
	Clobber
	N-(3,4-Dichlorophenyl)cyclopropanecarboxamide
	N-(3,4-Dichlorophenyl)cyclopropanecarboxyamide
	3',4'-Dichlorocyclopropanecarboxanilide
	Cipromid
	Cypromide
	3,4-Dichloranilid kyseliny cyklopropankarboxylove
	S-6000
Inchi:	InChI=1S/C10H9Cl2NO/c11-8-4-3-7(5-9(8)12)13-10(14)6-1-2-6/h3-6H,1-2H2,(H,13,14)
InchiKey:	PLQDLOBGKJCDSZ-UHFFFAOYSA-N
Formula:	C10H9Cl2NO
SMILES:	O=C(Nc1ccc(Cl)c(Cl)c1)C1CC1
Mol. weight [g/mol]:	230.09
CAS:	2759-71-9

Physical Properties

Property code	Value	Unit	Source
gf	123.83	kJ/mol	Joback Method
hf	-53.93	kJ/mol	Joback Method
hfus	28.15	kJ/mol	Joback Method
hvap	63.32	kJ/mol	Joback Method
log10ws	-3.53		Crippen Method
logp	3.342		Crippen Method
mcvol	153.170	ml/mol	McGowan Method
pc	3284.05	kPa	Joback Method
tb	650.48	K	Joback Method
tc	890.83	K	Joback Method
tf	403.40 ± 0.20	K	NIST Webbook
vc	0.584	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	356.24	J/mol×K	650.48	Joback Method
cpg	367.93	J/mol×K	690.54	Joback Method
cpg	378.68	J/mol×K	730.60	Joback Method
cpg	388.59	J/mol×K	770.66	Joback Method
cpg	397.73	J/mol×K	810.71	Joback Method
cpg	406.17	J/mol×K	850.77	Joback Method
cpg	414.00	J/mol×K	890.83	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C2759719&Units=SI
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

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