Benzamide, 3,5-dichloro-N-(3,4-dichlorophenyl)-2-hydroxy-

Other names: Salicylanilide, 3,3',4',5-tetrachloro-
Impregon
3,3',4',5-Tetrachlorosalicylanilide
3,5-Dichlorosalicylic acid 3,4-dichloroanilide
3,5,3',4'-Tetrachlorosalicylanilide
3,4-Dichlorfenylamid kyseliny 3,5-dichlorsalicylove
Irgasan BS-200
TCSA
3,5-Dichloro-N-(3,4-dichlorophenyl)-2-hydroxybenzamide

Inchi: InChI=1S/C13H7Cl4NO2/c14-6-3-8(12(19)11(17)4-6)13(20)18-7-1-2-9(15)10(16)5-7/h1-5

InchiKey: SJQBHPJLLIJASD-UHFFFAOYSA-N

Formula: C13H7Cl4NO2

SMILES: OC(=Nc1ccc(Cl)c(Cl)c1)c1cc(Cl)cc(Cl)c1O

Mol. weight [g/mol]: 351.01

CAS: 1154-59-2

Physical Properties

Property code	Value	Unit	Source
hf	-204.54	kJ/mol	Joback Method
hvap	102.36	kJ/mol	Joback Method
log10ws	-5.44		Crippen Method
logp	5.642		Crippen Method
mcvol	212.890	ml/mol	McGowan Method
pc	2856.62	kPa	Joback Method
tb	969.20	K	Joback Method
tc	1227.03	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1154592&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

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature