Quinoxaline, 2,3-dichloro-

Other names: 2,3-Dichloroquinoxaline
Inchi: InChI=1S/C8H4Cl2N2/c9-7-8(10)12-6-4-2-1-3-5(6)11-7/h1-4H
InchiKey: SPSSDDOTEZKOOV-UHFFFAOYSA-N
Formula: C8H4Cl2N2
SMILES: Clc1nc2ccccc2nc1Cl
Mol. weight [g/mol]: 199.04
CAS: 2213-63-0

Physical Properties

Property code	Value	Unit	Source
hsub	91.80 ± 1.10	kJ/mol	NIST Webbook
hsub	93.10 ± 0.90	kJ/mol	NIST Webbook
log10ws	-4.18		Crippen Method
logp	2.937		Crippen Method
mcvol	124.800	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	24.36	kJ/mol	424.40	NIST Webbook
hsubt	92.40 ± 0.40	kJ/mol	321.00	NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C2213630&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hfust:	Enthalpy of fusion at a given temperature
hsub:	Enthalpy of sublimation at standard conditions
hsubt:	Enthalpy of sublimation at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume