3,4-Dichlorobenzaldoxime

Inchi: InChI=1S/C7H5Cl2NO/c8-6-2-1-5(4-10-11)3-7(6)9/h1-4,11H
InchiKey: ROBIUDOANJUDHD-UHFFFAOYSA-N
Formula: C7H5Cl2NO
SMILES: ON=Cc1ccc(Cl)c(Cl)c1
Mol. weight [g/mol]: 190.03
CAS: 5331-92-0

Physical Properties

Property code	Value	Unit	Source
hf	-75.71	kJ/mol	Joback Method
hvap	63.54	kJ/mol	Joback Method
log10ws	-2.15		Crippen Method
logp	2.801		Crippen Method
mcvol	121.760	ml/mol	McGowan Method
pc	3560.02	kPa	Joback Method
tb	639.92	K	Joback Method
tc	867.61	K	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=C5331920&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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