3,5,6-Trichloropyridin-2-ol

Other names:	2(1H)-Pyridinone, 3,5,6-trichloro-
	2(1H)-Pyridone, 3,5,6-trichloro-
	3,5,6-Trichloro-2-pyridinol
	3,5,6-Trichloro-2-hydroxypyridine
	2-Pyridinol, 3,5,6-trichloro-
	3,5,6-Trichloropyridin-2-ol
	3,5,6 Trichloro 2-pyridinal
	3,5,6-trichloro-2-pyridone
Inchi:	InChI=1S/C5H2Cl3NO/c6-2-1-3(7)5(10)9-4(2)8/h1H,(H,9,10)
InchiKey:	WCYYAQFQZQEUEN-UHFFFAOYSA-N
Formula:	C5H2Cl3NO
SMILES:	Oc1nc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]:	198.44

Physical Properties

Property code	Value	Unit	Source
logp	2.747		Crippen Method
mcvol	110.120	ml/mol	McGowan Method
tb	510.45	K	Cheméo Relay (1.0)
tf	447.94 ± 0.20	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	25.79	kJ/mol	448.10	NIST Webbook
hfust	25.79	kJ/mol	448.10	NIST Webbook
hvapt	63.00	kJ/mol	388.00	NIST Webbook

Sources

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

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6515384&Units=SI

Legend

hfust:	Enthalpy of fusion at a given temperature
hvapt:	Enthalpy of vaporization at a given temperature
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point