

2-Hydroxy-3,5,6-trichloropyridine

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:	WCYYAQFQZQEUN-UHFFFAOYSA-N
Formula:	C5H2Cl3NO
SMILES:	Oc1nc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]:	198.43
CAS:	6515-38-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.84		Crippen Method
logp	2.747		Crippen Method
mcvol	110.120	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6515384&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

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