

2,3,5-Trichloropyridine

Other names:	Pyridine, 2,3,5-trichloro-
Inchi:	InChI=1S/C5H2Cl3N/c6-3-1-4(7)5(8)9-2-3/h1-2H
InchiKey:	CNLIAKAAMFCJG-UHFFFAOYSA-N
Formula:	C5H2Cl3N
SMILES:	Clc1cnc(Cl)c(Cl)c1
Mol. weight [g/mol]:	182.44
CAS:	16063-70-0

Physical Properties

Property code	Value	Unit	Source
hsub	74.40 ± 1.50	kJ/mol	NIST Webbook
log10ws	-3.29		Crippen Method
logp	3.042		Crippen Method
mcvol	104.250	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=C16063700&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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