

Pyridine, 2,3-dichloro-

Other names:	2,3-Dichloropyridine
Inchi:	InChI=1S/C5H3Cl2N/c6-4-2-1-3-8-5(4)7/h1-3H
InchiKey:	MAKFMOsBBNKPMS-UHFFFAOYSA-N
Formula:	C5H3Cl2N
SMILES:	Clc1cccnc1Cl
Mol. weight [g/mol]:	147.99
CAS:	2402-77-9

Physical Properties

Property code	Value	Unit	Source
hsub	73.50 ± 3.10	kJ/mol	NIST Webbook
log10ws	-2.61		Crippen Method
logp	2.388		Crippen Method
mvol	92.010	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2402779&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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<https://www.chemeo.com/cid/98-442-3/Pyridine-2-3-dichloro.pdf>

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