

# 2,4-dichloro-6-methylpyrimidine

<b>Other names:</b>	2,6-dichloro-4-methylpyrimidine 6-methyl-2,4-dichloropyrimidine
<b>Inchi:</b>	InChI=1S/C5H4Cl2N2/c1-3-2-4(6)9-5(7)8-3/h2H,1H3
<b>InchiKey:</b>	BTLKROSJMNFSQZ-UHFFFAOYSA-N
<b>Formula:</b>	C5H4Cl2N2
<b>SMILES:</b>	Cc1cc(Cl)nc(Cl)n1
<b>Mol. weight [g/mol]:</b>	163.01

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	2.092		Crippen Method
mvol	101.990	ml/mol	McGowan Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	81.20	kJ/mol	298.15	Thermochemical study of dichloromethylpyrimidine isomers

## Sources

**Thermochemical study of dichloromethylpyrimidine isomers: McGowan Method:**

<https://www.doi.org/10.1016/j.jct.2016.04.011>

<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](https://www.chemeo.com/doc/models/crippen_log10ws)

# Legend

<b>hvapt:</b>	Enthalpy of vaporization at a given temperature
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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