

# N-(5,6-Dichloro-1,3-benzothiazol-2-yl)acetamide

<b>Inchi:</b>	InChI=1S/C9H6Cl2N2OS/c1-4(14)12-9-13-7-2-5(10)6(11)3-8(7)15-9/h2-3H,1H3,(H,12,13)
<b>InchiKey:</b>	GOHPUSOSAIXBJX-UHFFFAOYSA-N
<b>Formula:</b>	C9H6Cl2N2OS
<b>SMILES:</b>	CC(=O)Nc1nc2cc(Cl)c(Cl)cc2s1
<b>Mol. weight [g/mol]:</b>	261.13

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.37		Crippen Method
logp	3.562		Crippen Method
mcvol	161.110	ml/mol	McGowan Method
rinpola	2346.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373060&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373060&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpola:</b>	Non-polar retention indices

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