

# 5-Chloro-1,3-dimethyl-4-nitropyrazole

<b>Other names:</b>	1,3-Dimethyl-4-nitro-5-chloropyrazole
<b>Inchi:</b>	InChI=1S/C5H6ClN3O2/c1-3-4(9(10)11)5(6)8(2)7-3/h1-2H3
<b>InchiKey:</b>	WBMBDRIOUHCVAS-UHFFFAOYSA-N
<b>Formula:</b>	C5H6ClN3O2
<b>SMILES:</b>	<chem>Cc1nn(C)c(Cl)c1[N+](=O)[O-]</chem>
<b>Mol. weight [g/mol]:</b>	175.57
<b>CAS:</b>	13551-73-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	1.290		Crippen Method
mcvol	111.470	ml/mol	McGowan Method

## 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=C13551730&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13551730&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

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