

# Thiazol-5-carbaldehyde, 4-methyl

**Inchi:** InChI=1S/C5H5NOS/c1-4-5(2-7)8-3-6-4/h2-3H,1H3  
**InchiKey:** JJVIEMFQPALZOZ-UHFFFAOYSA-N  
**Formula:** C5H5NOS  
**SMILES:** Cc1ncsc1C=O  
**Mol. weight [g/mol]:** 127.16

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	1.264		Crippen Method
mcvol	89.750	ml/mol	McGowan Method
rinpole	1052.00		NIST Webbook
rinpole	1052.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R594457&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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