

# Thiazole, 5-acetamido-2-(methylthio)-

<b>Inchi:</b>	InChI=1S/C6H8N2OS2/c1-4(9)8-5-3-7-6(10-2)11-5/h3H,1-2H3,(H,8,9)
<b>InchiKey:</b>	JUAXQIMVUVQRDE-UHFFFAOYSA-N
<b>Formula:</b>	C6H8N2OS2
<b>SMILES:</b>	CSc1ncc(NC(C)=O)s1
<b>Mol. weight [g/mol]:</b>	188.27
<b>CAS:</b>	89532-61-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	1.823		Crippen Method
mcvol	130.170	ml/mol	McGowan Method

## Sources

<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=C89532616&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C89532616&amp;Units=SI</a>
<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>

## 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

Latest version available from:

<https://www.chemeo.com/cid/50-463-2/Thiazole-5-acetamido-2-methylthio.pdf>

Generated by Cheméo on 2024-05-06 15:17:58.570684365 +0000 UTC m=+17297927.491261678.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.