

# 4-Hydroxy-3,4,5,5-tetra-methylthiazolidine-2-thione

<b>Inchi:</b>	InChI=1S/C7H13NOS2/c1-6(2)7(3,9)8(4)5(10)11-6/h9H,1-4H3
<b>InchiKey:</b>	ZRDSOLBWCODEJO-UHFFFAOYSA-N
<b>Formula:</b>	C7H13NOS2
<b>SMILES:</b>	CN1C(=S)SC(C)(C)C1(C)O
<b>Mol. weight [g/mol]:</b>	191.31
<b>CAS:</b>	19975-63-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.43		Crippen Method
logp	1.437		Crippen Method
mcvol	142.880	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=C19975634&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C19975634&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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