

# 2-Ethyl-5-methylthiazole

<b>Other names:</b>	5-Methyl-2-ethylthiazole Thiazole, 2-ethyl-5-methyl-
<b>Inchi:</b>	InChI=1S/C6H9NS/c1-3-6-7-4-5(2)8-6/h4H,3H2,1-2H3
<b>InchiKey:</b>	YXWWUNNKMJZIOW-UHFFFAOYSA-N
<b>Formula:</b>	C6H9NS
<b>SMILES:</b>	CCc1ncc(C)s1
<b>Mol. weight [g/mol]:</b>	127.21
<b>CAS:</b>	19961-53-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.27		Crippen Method
logp	2.014		Crippen Method
mcvol	102.270	ml/mol	McGowan Method
rinpol	1004.00		NIST Webbook
rinpol	974.00		NIST Webbook
rinpol	1004.00		NIST Webbook
rinpol	1001.00		NIST Webbook
rinpol	1004.00		NIST Webbook
rinpol	997.00		NIST Webbook
rinpol	997.00		NIST Webbook
ripol	1388.00		NIST Webbook
ripol	1388.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C19961536&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C19961536&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>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</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>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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