

# Thiazole, 2,5-diethyl-4-methyl-

<b>Other names:</b>	4-methyl-2,5-diethylthiazole 2,5-Diethyl-4-methylthiazole
<b>Inchi:</b>	InChI=1S/C8H13NS/c1-4-7-6(3)9-8(5-2)10-7/h4-5H2,1-3H3
<b>InchiKey:</b>	AEVBKBWVXISVBJ-UHFFFAOYSA-N
<b>Formula:</b>	C8H13NS
<b>SMILES:</b>	CCc1nc(C)c(CC)s1
<b>Mol. weight [g/mol]:</b>	155.26
<b>CAS:</b>	14001-71-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.08		Crippen Method
logp	2.576		Crippen Method
mcvol	130.450	ml/mol	McGowan Method
rinpol	1144.00		NIST Webbook
rinpol	1131.00		NIST Webbook

## 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=C14001719&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14001719&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
<b>rinpol:</b>	Non-polar retention indices

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