

# 1,3,4-Thiadiazole, 2,5-dimethyl-

<b>Other names:</b>	2,5-Dimethyl-1,3,4-thiadiazole 2,5-Dimethylthiadiazole
<b>Inchi:</b>	InChI=1S/C4H6N2S/c1-3-5-6-4(2)7-3/h1-2H3
<b>InchiKey:</b>	JXQGICFGPUAVLJ-UHFFFAOYSA-N
<b>Formula:</b>	C4H6N2S
<b>SMILES:</b>	Cc1nnc(C)s1
<b>Mol. weight [g/mol]:</b>	114.17
<b>CAS:</b>	27464-82-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	1.155		Crippen Method
mcvol	84.070	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C27464820&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C27464820&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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

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