

# 3,3'-Ethylene bis-(4-methyl-2-thiazole)-thione

<b>Inchi:</b>	InChI=1S/C10H10N2S4/c1-7-5-15-9(13)11(7)3-4-12-8(2)6-16-10(12)14/h3-6H,1-2H3/b4-
<b>InchiKey:</b>	VZQAATFSBYWKBV-ARJAWSKDSA-N
<b>Formula:</b>	C10H10N2S4
<b>SMILES:</b>	Cc1csc(=S)n1C=Cn1c(C)csc1=S
<b>Mol. weight [g/mol]:</b>	286.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.16		Crippen Method
logp	4.574		Crippen Method
mcvol	193.900	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=B6001655&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=B6001655&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

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