

# Thiazole, 5,5'-thio bis(2-amino)

<b>Inchi:</b>	InChI=1S/C6H6N4S3/c7-5-9-1-3(12-5)11-4-2-10-6(8)13-4/h1-2H,(H2,7,9)(H2,8,10)
<b>InchiKey:</b>	WIVYPUVFKMUSHS-UHFFFAOYSA-N
<b>Formula:</b>	C6H6N4S3
<b>SMILES:</b>	Nc1ncc(Sc2cnc(N)s2)s1
<b>Mol. weight [g/mol]:</b>	230.33
<b>CAS:</b>	116529-26-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	1.915		Crippen Method
mcvol	145.450	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C116529261&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C116529261&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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