

# 2-sec-Butylthiazole

<b>Other names:</b>	Thiazole, 2-(1-methylpropyl)-
<b>Inchi:</b>	InChI=1S/C7H11NS/c1-3-6(2)7-8-4-5-9-7/h4-6H,3H2,1-2H3
<b>InchiKey:</b>	MHJSWOZJMPIGJQ-UHFFFAOYSA-N
<b>Formula:</b>	C7H11NS
<b>SMILES:</b>	CCC(C)c1nccs1
<b>Mol. weight [g/mol]:</b>	141.23
<b>CAS:</b>	18277-27-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.60		Crippen Method
logp	2.657		Crippen Method
mcvol	116.360	ml/mol	McGowan Method
ripol	1373.00		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C18277275&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18277275&amp;Units=SI</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>ripol:</b>	Polar retention indices

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