

# Thiazole, 2-methyl-4-(1-methylethyl)-

<b>Other names:</b>	Thiazole, 4-isopropyl-2-methyl- 4-Isopropyl-2-methylthiazole 4-Isopropyl-2-methyl-1,3-thiazole 2-Methyl-4-(1-methylethyl)thiazole
<b>Inchi:</b>	InChI=1S/C7H11NS/c1-5(2)7-4-9-6(3)8-7/h4-5H,1-3H3
<b>InchiKey:</b>	SRTOJEUVLKLKLAGK-UHFFFAOYSA-N
<b>Formula:</b>	C7H11NS
<b>SMILES:</b>	<chem>Cc1nc(C(C)C)cs1</chem>
<b>Mol. weight [g/mol]:</b>	141.23
<b>CAS:</b>	32272-52-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	2.575		Crippen Method
mcvol	116.360	ml/mol	McGowan Method
ripol	1514.00		NIST Webbook

## Sources

<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=C32272529&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C32272529&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>

## 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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