

# Anthranilic acid, n-[(2-thioxo-benzothiazolin-3-yl)methyl]-

<b>Inchi:</b>	InChI=1S/C15H12N2O2S2/c18-14(19)10-5-1-2-6-11(10)16-9-17-12-7-3-4-8-13(12)21-15
<b>InchiKey:</b>	VDHLXPKGMXLEFH-UHFFFAOYSA-N
<b>Formula:</b>	C15H12N2O2S2
<b>SMILES:</b>	O=C(O)c1ccccc1NCn1c(=S)sc2ccccc21
<b>Mol. weight [g/mol]:</b>	316.40
<b>CAS:</b>	73791-26-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.52		Crippen Method
logp	4.200		Crippen Method
mcvol	219.630	ml/mol	McGowan Method

## Sources

<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=C73791261&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C73791261&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>

## 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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