

# Acetamide, N-(3-methylphenyl)-2-(2-thienyl)-

<b>Inchi:</b>	InChI=1S/C13H13NOS/c1-10-4-2-5-11(8-10)14-13(15)9-12-6-3-7-16-12/h2-8H,9H2,1H3,
<b>InchiKey:</b>	SLSWSHIKFSCHTK-UHFFFAOYSA-N
<b>Formula:</b>	C13H13NOS
<b>SMILES:</b>	Cc1cccc(NC(=O)Cc2cccs2)c1
<b>Mol. weight [g/mol]:</b>	231.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.52		Crippen Method
logp	3.238		Crippen Method
mcvol	178.710	ml/mol	McGowan Method
rinpola	2053.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U306902&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U306902&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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
<b>rinpola:</b>	Non-polar retention indices

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