

# 2-(1-Propenylthio)thiophene

<b>Inchi:</b>	InChI=1S/C7H8S2/c1-2-5-8-7-4-3-6-9-7/h2-6H,1H3/b5-2+
<b>InchiKey:</b>	KHVVAPOSPLACCP-GORDUTHDSA-N
<b>Formula:</b>	C7H8S2
<b>SMILES:</b>	CC=CSc1cccs1
<b>Mol. weight [g/mol]:</b>	156.27
<b>CAS:</b>	199480-75-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.16		Crippen Method
logp	3.374		Crippen Method
mcvol	118.430	ml/mol	McGowan Method

## 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=C199480756&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C199480756&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

Latest version available from:

<https://www.chemeo.com/cid/58-339-2/2-1-Propenylthio-thiophene.pdf>

Generated by Cheméo on 2024-04-30 14:20:11.818577264 +0000 UTC m=+16776060.739154575.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.