

# Rhodanine, 5-benzylidene-3-salicylideneamino-

<b>Inchi:</b>	InChI=1S/C17H12N2O2S2/c20-14-9-5-4-8-13(14)11-18-19-16(21)15(23-17(19)22)10-12
<b>InchiKey:</b>	YWCSHUSCRWANQW-MIKCAUBTSA-N
<b>Formula:</b>	C17H12N2O2S2
<b>SMILES:</b>	O=C1C(=Cc2ccccc2)SC(=S)N1N=Cc1ccccc1O
<b>Mol. weight [g/mol]:</b>	340.42
<b>CAS:</b>	1438-25-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	3.627		Crippen Method
mcvol	239.210	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=C1438251&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1438251&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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