

# 4-Thiazolidinone, 3-ethyl-2-thioxo-

<b>Other names:</b>	N-Ethylrhodanine 3-Ethyl-2-thioxo-4-thiazolidinone 3-Ethylrhodanine Rhodanine, 3-ethyl- 3-Ethyl-2-thioxothiazolidin-4-one 3-Ethylrodanin 3-Ethylrhodamine NSC 81656
<b>Inchi:</b>	InChI=1S/C5H7NOS2/c1-2-6-4(7)3-9-5(6)8/h2-3H2,1H3
<b>InchiKey:</b>	UPCYEFFISUGBRW-UHFFFAOYSA-N
<b>Formula:</b>	C5H7NOS2
<b>SMILES:</b>	CCN1C(=O)CSC1=S
<b>Mol. weight [g/mol]:</b>	161.25
<b>CAS:</b>	7648-01-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.39		Crippen Method
logp	0.867		Crippen Method
mvol	110.400	ml/mol	McGowan Method

## 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=C7648013&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7648013&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>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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