

# 5-methyl-2-thenylthiol

**Inchi:** InChI=1S/C5H6S2/c1-4-2-3-5(6)7-4/h2-3,6H,1H3  
**InchiKey:** IHTLZNZYAZTKSG-UHFFFAOYSA-N  
**Formula:** C5H6S2  
**SMILES:** Cc1ccc(S)s1  
**Mol. weight [g/mol]:** 130.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.22		Crippen Method
logp	2.345		Crippen Method
mcvol	94.550	ml/mol	McGowan Method
ripol	1755.00		NIST Webbook
ripol	1755.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R225631&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**ripol:** Polar retention indices

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