

# 2-ethylthienothiophene

**Inchi:** InChI=1S/C8H8S2/c1-2-7-3-6-4-9-5-8(6)10-7/h3-5H,2H2,1H3  
**InchiKey:** LMJZOBUEJCKKBRY-UHFFFAOYSA-N  
**Formula:** C8H8S2  
**SMILES:** CCc1cc2csc2s1  
**Mol. weight [g/mol]:** 168.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.59		Crippen Method
logp	3.525		Crippen Method
mcvol	121.660	ml/mol	McGowan Method
rinpol	1422.00		NIST Webbook
ripol	2012.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R189238&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/54-862-5/2-ethylthienothiophene.pdf>

Generated by Cheméo on 2024-04-26 14:39:29.46664022 +0000 UTC m=+16431618.387217531.

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