

# 5-methylthieno[2,3-d]-thiophene

**Inchi:** InChI=1S/C7H6S2/c1-5-4-6-2-3-8-7(6)9-5/h2-4H,1H3  
**InchiKey:** CKDAPMQEHBEIBW-UHFFFAOYSA-N  
**Formula:** C7H6S2  
**SMILES:** Cc1cc2ccsc2s1  
**Mol. weight [g/mol]:** 154.25

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -3.27   |        | Crippen Method |
| logp          | 3.271   |        | Crippen Method |
| mcvol         | 107.570 | ml/mol | McGowan Method |
| rinpol        | 1289.00 |        | NIST Webbook   |
| rinpol        | 1280.00 |        | NIST Webbook   |
| rinpol        | 1289.00 |        | NIST Webbook   |

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R219968&Units=SI>

## Legend

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

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