

# Methyl 5-methylfuryl disulfide

**Inchi:** InChI=1S/C6H8OS2/c1-5-3-4-6(7-5)9-8-2/h3-4H,1-2H3  
**InchiKey:** ZPFOHKFDNAVNLR-UHFFFAOYSA-N  
**Formula:** C6H8OS2  
**SMILES:** CSSc1ccc(C)o1  
**Mol. weight [g/mol]:** 160.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.30		Crippen Method
logp	2.958		Crippen Method
mcvol	114.510	ml/mol	McGowan Method
rinpol	1256.00		NIST Webbook
rinpol	1250.00		NIST Webbook
rinpol	1250.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R494723&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

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