

# 5-Methyl-2,2'-difurfuryl disulfide

**Inchi:** InChI=1S/C11H12O2S2/c1-9-4-5-11(13-9)8-15-14-7-10-3-2-6-12-10/h2-6H,7-8H2,1H3  
**InchiKey:** FASXAMUYOSZLLT-UHFFFAOYSA-N  
**Formula:** C11H12O2S2  
**SMILES:** Cc1ccc(CSSCc2ccco2)o1  
**Mol. weight [g/mol]:** 240.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.58		Crippen Method
logp	4.263		Crippen Method
mcvol	171.370	ml/mol	McGowan Method
ripol	1700.00		NIST Webbook
ripol	1700.00		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=R640703&Units=SI>

## 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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