

# 2-furfuryl 2-methyl-3-furyl disulfide

**Other names:** 2-Methyl-3-[(2-furfuryl)dithio]furan  
**Inchi:** InChI=1S/C10H10O2S2/c1-8-10(4-6-11-8)14-13-7-9-3-2-5-12-9/h2-6H,7H2,1H3  
**InchiKey:** FVCZDGBJCOHRKY-UHFFFAOYSA-N  
**Formula:** C10H10O2S2  
**SMILES:** Cc1occc1SSCc1ccco1  
**Mol. weight [g/mol]:** 226.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.14		Crippen Method
logp	4.122		Crippen Method
mcvol	157.280	ml/mol	McGowan Method
rinpol	1643.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U365959&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)  
**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  
**rinpol:** Non-polar retention indices

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