

# bis(1-(2'-furyl)-1-ethyl) disulfide

**Inchi:** InChI=1S/C12H14O2S2/c1-9(11-5-3-7-13-11)15-16-10(2)12-6-4-8-14-12/h3-10H,1-2H3  
**InchiKey:** NECWWEQOLRUBBE-UHFFFAOYSA-N  
**Formula:** C12H14O2S2  
**SMILES:** CC(SSC(C)c1ccco1)c1ccco1  
**Mol. weight [g/mol]:** 254.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.87		Crippen Method
logp	5.076		Crippen Method
mcvol	185.460	ml/mol	McGowan Method
rinpol	1732.00		NIST Webbook
rinpol	1732.00		NIST Webbook
ripol	2422.00		NIST Webbook
ripol	2422.00		NIST Webbook

## Sources

**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=R225646&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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

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