

# di-2-furfuryl trisulfide

**Other names:** bis(2-furylmethyl)trisulfide  
**Inchi:** InChI=1S/C10H10O2S3/c1-3-9(11-5-1)7-13-15-14-8-10-4-2-6-12-10/h1-6H,7-8H2  
**InchiKey:** XPRPVIPSHWDFBI-UHFFFAOYSA-N  
**Formula:** C10H10O2S3  
**SMILES:** c1coc(CSSSCc2ccco2)c1  
**Mol. weight [g/mol]:** 258.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.98		Crippen Method
logp	4.602		Crippen Method
mcvol	173.630	ml/mol	McGowan Method
rinpol	1879.00		NIST Webbook
rinpol	1901.00		NIST Webbook
rinpol	1901.00		NIST Webbook
rinpol	1879.00		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=R220007&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/23-020-3/di-2-furfuryl-trisulfide.pdf>

Generated by Cheméo on 2024-04-19 14:28:35.648100428 +0000 UTC m=+15826164.568677738.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.