

# 2-(2-thienyl)furan

**Inchi:** InChI=1S/C8H6OS/c1-3-7(9-5-1)8-4-2-6-10-8/h1-6H  
**InchiKey:** RVYKTPRETIBSPK-UHFFFAOYSA-N  
**Formula:** C8H6OS  
**SMILES:** c1coc(-c2cccs2)c1  
**Mol. weight [g/mol]:** 150.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.57		Crippen Method
logp	3.008		Crippen Method
mcvol	106.880	ml/mol	McGowan Method
rinpol	1244.00		NIST Webbook
rinpol	1244.00		NIST Webbook
rinpol	1227.00		NIST Webbook
rinpol	1189.00		NIST Webbook
rinpol	1189.00		NIST Webbook
ripol	1831.00		NIST Webbook
ripol	1831.00		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=R169081&Units=SI>

## 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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