

# 5-methyl-2-propenylfuran, cis

**Inchi:** InChI=1S/C8H10O/c1-3-4-8-6-5-7(2)9-8/h3-6H,1-2H3/b4-3+  
**InchiKey:** QXSXKNKKQRKGJB-ONEGZZNKSA-N  
**Formula:** C8H10O  
**SMILES:** CC=Cc1ccc(C)o1  
**Mol. weight [g/mol]:** 122.16

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.92		Crippen Method
logp	2.621		Crippen Method
mcpvol	105.690	ml/mol	McGowan Method
ripol	1255.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1256.00		NIST Webbook
ripol	1257.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1257.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1256.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R491586&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

**ripol:** Polar retention indices

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