

# 2-methyl-5-propenylfuran

**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
mcvol	105.690	ml/mol	McGowan Method
rinpol	972.00		NIST Webbook
ripol	1252.00		NIST Webbook
ripol	1262.00		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=R236616&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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