

# (E)-2-(1-Pentenyl)furan

**Other names:** 2-(1-pentenyl)furan (E)  
**Inchi:** InChI=1S/C9H12O/c1-2-3-4-6-9-7-5-8-10-9/h4-8H,2-3H2,1H3/b6-4+  
**InchiKey:** LKSYSJTUBQSZBS-GQCTYLIASA-N  
**Formula:** C9H12O  
**SMILES:** CCCC=Cc1ccco1  
**Mol. weight [g/mol]:** 136.19

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.28		Crippen Method
logp	3.093		Crippen Method
mcvol	119.780	ml/mol	McGowan Method
rinpol	1009.00		NIST Webbook
rinpol	1058.00		NIST Webbook
rinpol	1009.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U122131&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

Latest version available from:

<https://www.cheméo.com/cid/73-362-9/E-2-1-Pentenyl-furan.pdf>

Generated by Cheméo on 2024-04-20 08:14:19.459233274 +0000 UTC m=+15890108.379810585.

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