

# 2-Phenyl-benzofuran

**Inchi:** InChI=1S/C14H10O/c1-2-6-11(7-3-1)14-10-12-8-4-5-9-13(12)15-14/h1-10H  
**InchiKey:** HXMZLDUBSSPQIB-UHFFFAOYSA-N  
**Formula:** C14H10O  
**SMILES:** c1ccc(-c2cc3ccccc3o2)cc1  
**Mol. weight [g/mol]:** 194.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.61		Crippen Method
logp	4.100		Crippen Method
mcvol	151.310	ml/mol	McGowan Method
rinpol	295.00		NIST Webbook
rinpol	302.00		NIST Webbook
rinpol	295.00		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=U147441&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

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