

# 2-Furoic acid, 3-methylphenyl ester

**Inchi:** InChI=1S/C12H10O3/c1-9-4-2-5-10(8-9)15-12(13)11-6-3-7-14-11/h2-8H,1H3  
**InchiKey:** WUQNWQWNFJZXEH-UHFFFAOYSA-N  
**Formula:** C12H10O3  
**SMILES:** Cc1cccc(OC(=O)c2ccc(O)c2)c1  
**Mol. weight [g/mol]:** 202.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.77		Crippen Method
logp	2.807		Crippen Method
mcvol	150.030	ml/mol	McGowan Method
rinsol	1600.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307992&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinsol:** Non-polar retention indices

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