

# Furomollugin

**Inchi:** InChI=1S/C14H10O4/c1-17-14(16)11-10-6-7-18-13(10)9-5-3-2-4-8(9)12(11)15/h2-7,15H,  
**InchiKey:** AFMYCYWCHKTNNE-UHFFFAOYSA-N  
**Formula:** C14H10O4  
**SMILES:** COC(=O)c1c(O)c2ccccc2c2occc12  
**Mol. weight [g/mol]:** 242.23

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -8.60   |        | Crippen Method |
| logp          | 3.078   |        | Crippen Method |
| mcvol         | 168.920 | ml/mol | McGowan Method |
| rinpol        | 2080.00 |        | NIST Webbook   |

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R513710&Units=SI>  
**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)

## 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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