

# Dichlorophen, O,O'-di(2-furoyl)-

**Inchi:** InChI=1S/C23H14Cl2O6/c24-16-5-7-18(30-22(26)20-3-1-9-28-20)14(12-16)11-15-13-17(23-19-21-25-27-29)  
**InchiKey:** RZMVCQXVJKGWDH-UHFFFAOYSA-N  
**Formula:** C23H14Cl2O6  
**SMILES:** O=C(Oc1ccc(Cl)cc1Cc1cc(Cl)ccc1OC(=O)c1ccco1)c1ccco1  
**Mol. weight [g/mol]:** 457.26

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -16.58  |        | Crippen Method |
| logp          | 6.209   |        | Crippen Method |
| mcvol         | 299.590 | ml/mol | McGowan Method |
| rinpol        | 3365.00 |        | NIST Webbook   |

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U355178&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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