

# Dibenzofuran, 2,4-dichloro

**Other names:** 2,4-dichlorodibenzofuran  
**Inchi:** InChI=1S/C12H6Cl2O/c13-7-5-9-8-3-1-2-4-11(8)15-12(9)10(14)6-7/h1-6H  
**InchiKey:** LHTCKMYRNOGUOA-UHFFFAOYSA-N  
**Formula:** C12H6Cl2O  
**SMILES:** Clc1cc(Cl)c2oc3ccccc3c2c1  
**Mol. weight [g/mol]:** 237.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.18		Crippen Method
logp	4.893		Crippen Method
mcvol	151.910	ml/mol	McGowan Method
rinpol	1912.00		NIST Webbook
rinpol	1912.00		NIST Webbook
rinpol	1914.00		NIST Webbook
rinpol	1912.00		NIST Webbook
rinpol	1914.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R29930&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  
**rinpol:** Non-polar retention indices

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