

# Dibenzofuran, 4-chloro

**Other names:** 4-Chlorodibenzofuran  
**Inchi:** InChI=1S/C12H7ClO/c13-10-6-3-5-9-8-4-1-2-7-11(8)14-12(9)10/h1-7H  
**InchiKey:** RHRYBWFAXCUCR-UHFFFAOYSA-N  
**Formula:** C12H7ClO  
**SMILES:** Clc1cccc2c1oc1cccc12  
**Mol. weight [g/mol]:** 202.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.50		Crippen Method
logp	4.239		Crippen Method
mcvol	139.670	ml/mol	McGowan Method
rinpol	1760.00		NIST Webbook
rinpol	1761.00		NIST Webbook
rinpol	1760.00		NIST Webbook
rinpol	1760.00		NIST Webbook
rinpol	1761.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R30086&Units=SI>  
**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>

## 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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