

# Dibenzofuran, 2,3,6-trichloro

**Other names:** 2,3,6-trichlorodibenzofuran  
**Inchi:** InChI=1S/C12H5Cl3O/c13-8-3-1-2-6-7-4-9(14)10(15)5-11(7)16-12(6)8/h1-5H  
**InchiKey:** CPMGJTLNRBIKQM-UHFFFAOYSA-N  
**Formula:** C12H5Cl3O  
**SMILES:** Clc1cc2oc3c(Cl)cccc3c2cc1Cl  
**Mol. weight [g/mol]:** 271.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.87		Crippen Method
logp	5.546		Crippen Method
mcvol	164.150	ml/mol	McGowan Method
rinpol	2141.00		NIST Webbook
rinpol	2149.00		NIST Webbook
rinpol	2141.00		NIST Webbook
rinpol	2149.00		NIST Webbook
rinpol	2141.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R29823&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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