

# Dibenzofuran, 1,2,3,4,6,7-hexachloro

**Other names:** 1,2,3,4,6,7-hexachlorodibenzofuran  
**Inchi:** InChI=1S/C12H2Cl6O/c13-4-2-1-3-5-7(15)8(16)9(17)10(18)12(5)19-11(3)6(4)14/h1-2H  
**InchiKey:** SNWFMKXFMVHBKD-UHFFFAOYSA-N  
**Formula:** C12H2Cl6O  
**SMILES:** Clc1ccc2c(oc3c(Cl)c(Cl)c(Cl)c(Cl)c32)c1Cl  
**Mol. weight [g/mol]:** 374.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.92		Crippen Method
logp	7.506		Crippen Method
mcvol	200.870	ml/mol	McGowan Method
rinpol	2706.00		NIST Webbook
rinpol	2707.00		NIST Webbook
rinpol	2706.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R29029&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/41-057-3/Dibenzofuran-1-2-3-4-6-7-hexachloro.pdf>

Generated by Cheméo on 2024-04-17 02:50:54.637566443 +0000 UTC m=+15611503.558143755.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.