

# Dibenzofuran, 1,2,3,4,6,8-hexachloro

<b>Other names:</b>	1,2,3,4,6,8-hexachlorodibenzofuran
<b>Inchi:</b>	InChI=1S/C12H2Cl6O/c13-3-1-4-6-7(15)8(16)9(17)10(18)12(6)19-11(4)5(14)2-3/h1-2H
<b>InchiKey:</b>	UCFGNWHERVQWMZ-UHFFFAOYSA-N
<b>Formula:</b>	C12H2Cl6O
<b>SMILES:</b>	Clc1cc(Cl)c2oc3c(Cl)c(Cl)c(Cl)c(Cl)c3c2c1
<b>Mol. weight [g/mol]:</b>	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	2650.00		NIST Webbook
rinpol	2636.00		NIST Webbook
rinpol	2656.00		NIST Webbook
rinpol	2650.00		NIST Webbook
rinpol	2636.00		NIST Webbook
rinpol	2650.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R29047&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R29047&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

**rinpol:** Non-polar retention indices

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