

# Dibenzofuran, 1,3,4,6,7-pentachloro

<b>Other names:</b>	1,3,4,6,7-pentachlorodibenzofuran
<b>Inchi:</b>	InChI=1S/C12H3Cl5O/c13-5-2-1-4-8-6(14)3-7(15)10(17)12(8)18-11(4)9(5)16/h1-3H
<b>InchiKey:</b>	JVYYDUWJIJMOGW-UHFFFAOYSA-N
<b>Formula:</b>	C12H3Cl5O
<b>SMILES:</b>	Clc1ccc2c(oc3c(Cl)c(Cl)cc(Cl)c32)c1Cl
<b>Mol. weight [g/mol]:</b>	340.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.24		Crippen Method
logp	6.853		Crippen Method
mcvol	188.630	ml/mol	McGowan Method
rinpol	2469.00		NIST Webbook
rinpol	2468.00		NIST Webbook
rinpol	2469.00		NIST Webbook
rinpol	2495.00		NIST Webbook
rinpol	2469.00		NIST Webbook
rinpol	2468.00		NIST Webbook

## Sources

<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=R29396&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R29396&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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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