

# Dibenzofuran, 1,4,6,7-tetrachloro

<b>Other names:</b>	1,4,6,7-tetrachlorodibenzofuran
<b>Inchi:</b>	InChI=1S/C12H4Cl4O/c13-6-3-4-8(15)12-9(6)5-1-2-7(14)10(16)11(5)17-12/h1-4H
<b>InchiKey:</b>	RBFNYMHNIOKXLA-UHFFFAOYSA-N
<b>Formula:</b>	C12H4Cl4O
<b>SMILES:</b>	Clc1ccc2c(oc3c(Cl)ccc(Cl)c32)c1Cl
<b>Mol. weight [g/mol]:</b>	305.97

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.55		Crippen Method
logp	6.200		Crippen Method
mcvol	176.390	ml/mol	McGowan Method
rinpol	2288.00		NIST Webbook
rinpol	2290.00		NIST Webbook
rinpol	2288.00		NIST Webbook
rinpol	2288.00		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=R29574&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R29574&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
<b>rinpol:</b>	Non-polar retention indices

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