

# 1,2,8,9-tetrabromo-dibenzofuran

<b>Inchi:</b>	InChI=1S/C12H4Br4O/c13-5-1-3-7-9(11(5)15)10-8(17-7)4-2-6(14)12(10)16/h1-4H
<b>InchiKey:</b>	MDRDSTIJDBIZHU-UHFFFAOYSA-N
<b>Formula:</b>	C12H4Br4O
<b>SMILES:</b>	BrC1ccc2oc3ccc(Br)c(Br)c3c2c1Br
<b>Mol. weight [g/mol]:</b>	483.78

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.47		Crippen Method
logp	6.636		Crippen Method
mcvol	197.430	ml/mol	McGowan Method
rinpola	2852.00		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=R170957&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R170957&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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
<b>rinpola:</b>	Non-polar retention indices

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