

# 1,2,4,6,7,8-hexabromo-dibenzofuran

<b>Inchi:</b>	InChI=1S/C12H2Br6O/c13-4-1-3-7-8(16)5(14)2-6(15)12(7)19-11(3)10(18)9(4)17/h1-2H
<b>InchiKey:</b>	FCFYEJUJZXKJID-UHFFFAOYSA-N
<b>Formula:</b>	C12H2Br6O
<b>SMILES:</b>	BrC1cc2c(oc3c(Br)cc(Br)c(Br)c32)c(Br)c1Br
<b>Mol. weight [g/mol]:</b>	641.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.79		Crippen Method
logp	8.161		Crippen Method
mcvol	232.430	ml/mol	McGowan Method
rinpol	3439.00		NIST Webbook

## Sources

<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=R170704&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R170704&amp;Units=SI</a>
<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>

## 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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