

# 1,3,4,6-tetrabromo-dibenzofuran

**Inchi:** InChI=1S/C12H4Br4O/c13-6-3-1-2-5-9-7(14)4-8(15)10(16)12(9)17-11(5)6/h1-4H  
**InchiKey:** RWYBECGWZKYABQ-UHFFFAOYSA-N  
**Formula:** C12H4Br4O  
**SMILES:** BrC1cc(Br)c2c(oc3c(Br)cccc32)c1Br  
**Mol. weight [g/mol]:** 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	2730.00		NIST Webbook
rinpola	2730.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R171049&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpola:** Non-polar retention indices

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