

Dibenzofuran, 1,2,3,4,9-pentachloro

Other names:	1,2,3,4,9-pentachlorodibenzofuran
Inchi:	InChI=1S/C12H3Cl5O/c13-4-2-1-3-5-6(4)7-8(14)9(15)10(16)11(17)12(7)18-5/h1-3H
InchiKey:	IQSZNVZVZXFJRJS-UHFFFAOYSA-N
Formula:	C12H3Cl5O
SMILES:	Clc1c(Cl)c(Cl)c2c(oc3cccc(Cl)c32)c1Cl
Mol. weight [g/mol]:	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	2603.00		NIST Webbook
rinpol	2572.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R48873&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/13-191-5/Dibenzofuran-1-2-3-4-9-pentachloro.pdf>

Generated by Cheméo on 2026-04-21 22:39:53.652844215 +0000 UTC m=+576542.710926504.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.