

Dibenzofuran, 1,4-dichloro

Other names:	1,4-dichlorodibenzofuran
Inchi:	InChI=1S/C12H6Cl2O/c13-8-5-6-9(14)12-11(8)7-3-1-2-4-10(7)15-12/h1-6H
InchiKey:	VHQCMZLPHWGUDB-UHFFFAOYSA-N
Formula:	C12H6Cl2O
SMILES:	Clc1ccc(Cl)c2c1oc1ccccc12
Mol. weight [g/mol]:	237.08

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.18		Crippen Method
logp	4.893		Crippen Method
mcvol	151.910	ml/mol	McGowan Method
rinpol	1913.00		NIST Webbook
rinpol	1901.00		NIST Webbook
rinpol	1913.00		NIST Webbook
rinpol	1913.00		NIST Webbook
rinpol	1901.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R29659&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/63-518-7/Dibenzofuran-1-4-dichloro.pdf>

Generated by Cheméo on 2025-12-06 00:51:32.428789353 +0000 UTC m=+4730489.958830017.

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