

Dibenzofuran, 2,7-dichloro

Other names:	2,7-dichlorodibenzofuran
Inchi:	InChI=1S/C12H6Cl2O/c13-7-2-4-11-10(5-7)9-3-1-8(14)6-12(9)15-11/h1-6H
InchiKey:	DOZUTNBCPVUMPY-UHFFFAOYSA-N
Formula:	C12H6Cl2O
SMILES:	Clc1ccc2c(c1)oc1ccc(Cl)cc12
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	1930.00		NIST Webbook
rinpol	1931.00		NIST Webbook
rinpol	1930.00		NIST Webbook
rinpol	1930.00		NIST Webbook
rinpol	1931.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R29958&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/56-853-3/Dibenzofuran-2-7-dichloro.pdf>

Generated by Cheméo on 2025-12-05 21:54:36.147607726 +0000 UTC m=+4719873.677648394.

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