

Dibenzofuran, 4,6-dichloro

Other names: 4,6-dichlorodibenzofuran
Inchi: InChI=1S/C12H6Cl2O/c13-9-5-1-3-7-8-4-2-6-10(14)12(8)15-11(7)9/h1-6H
InchiKey: BZFIZJNKNCJEAD-UHFFFAOYSA-N
Formula: C12H6Cl2O
SMILES: Clc1cccc2c1oc1c(Cl)cccc12
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	1953.00		NIST Webbook
rinpol	1947.00		NIST Webbook
rinpol	1953.00		NIST Webbook
rinpol	1953.00		NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R30072&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/15-594-6/Dibenzofuran-4-6-dichloro.pdf>

Generated by Cheméo on 2024-04-29 20:06:33.257727208 +0000 UTC m=+16710442.178304523.

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