

Dibenzofuran, 2-chloro

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|-----------------------------|--|
| Other names: | 2-Chlorodibenzofuran |
| Inchi: | InChI=1S/C12H7ClO/c13-8-5-6-12-10(7-8)9-3-1-2-4-11(9)14-12/h1-7H |
| InchiKey: | PRKTYWJFCODJOA-UHFFFAOYSA-N |
| Formula: | C12H7ClO |
| SMILES: | Clc1ccc2oc3ccccc3c2c1 |
| Mol. weight [g/mol]: | 202.64 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -9.50 | | Crippen Method |
| logp | 4.239 | | Crippen Method |
| mcvol | 139.670 | ml/mol | McGowan Method |
| rinpol | 1749.00 | | NIST Webbook |
| rinpol | 1751.00 | | NIST Webbook |
| rinpol | 1749.00 | | NIST Webbook |
| rinpol | 1749.00 | | NIST Webbook |
| rinpol | 1751.00 | | 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=R29976&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 |

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<https://www.cheméo.com/cid/19-361-0/Dibenzofuran-2-chloro.pdf>

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