

# Dibenzofuran, 4-methyl-

<b>Other names:</b>	4-Methyldibenzofuran
<b>Inchi:</b>	InChI=1S/C13H10O/c1-9-5-4-7-11-10-6-2-3-8-12(10)14-13(9)11/h2-8H,1H3
<b>InchiKey:</b>	XLTFRTTTZWMJJQ-UHFFFAOYSA-N
<b>Formula:</b>	C13H10O
<b>SMILES:</b>	Cc1cccc2c1oc1cccc12
<b>Mol. weight [g/mol]:</b>	182.22
<b>CAS:</b>	7320-53-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.29		Crippen Method
logp	3.894		Crippen Method
mccvol	141.520	ml/mol	McGowan Method
rinpol	1638.00		NIST Webbook
rinpol	279.10		NIST Webbook
rinpol	271.38		NIST Webbook
rinpol	271.30		NIST Webbook
rinpol	1639.00		NIST Webbook
rinpol	1639.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C7320538&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7320538&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

**rinpol:** Non-polar retention indices

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