

# 3-Phenyldibenzofuran

<b>Inchi:</b>	InChI=1S/C18H12O/c1-2-6-13(7-3-1)14-10-11-16-15-8-4-5-9-17(15)19-18(16)12-14/h1-1
<b>InchiKey:</b>	UWXLYSVMPRLJW-UHFFFAOYSA-N
<b>Formula:</b>	C18H12O
<b>SMILES:</b>	c1ccc(-c2ccc3c(c2)oc2ccccc23)cc1
<b>Mol. weight [g/mol]:</b>	244.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.42		Crippen Method
logp	5.253		Crippen Method
mcvol	188.210	ml/mol	McGowan Method
rinpola	383.47		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<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=R556475&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R556475&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>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpola:</b>	Non-polar retention indices

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