

2-Dibenzofuranol

Other names:	2-Hydroxydibenzofuran 3-Hydroxybiphenylene oxide 2-Hydroxydibenzofurane dibenzofuran-2-ol
Inchi:	InChI=1S/C12H8O2/c13-8-5-6-12-10(7-8)9-3-1-2-4-11(9)14-12/h1-7,13H
InchiKey:	HGIDRHWWNZRUEP-UHFFFAOYSA-N
Formula:	C12H8O2
SMILES:	Oc1ccc2oc3ccccc3c2c1
Mol. weight [g/mol]:	184.19
CAS:	86-77-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.36		Crippen Method
logp	3.292		Crippen Method
mcvol	133.300	ml/mol	McGowan Method
rinpol	1782.70		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=C86771&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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