

Ethyl-2-benzofuran

Other names:	2-Ethylbenzofuran Benzofuran, 2-ethyl-
Inchi:	InChI=1S/C10H10O/c1-2-9-7-8-5-3-4-6-10(8)11-9/h3-7H,2H2,1H3
InchiKey:	KJHYAEZMOHLVCH-UHFFFAOYSA-N
Formula:	C10H10O
SMILES:	CCc1cc2ccccc2o1
Mol. weight [g/mol]:	146.19
CAS:	3131-63-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.81		Crippen Method
logp	2.995		Crippen Method
mcvol	118.710	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3131633&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

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