

Benzofuran, 2-ethenyl-

Other names:	Benzofuran, 2-vinyl- 2-Vinylbenzofuran
Inchi:	InChI=1S/C10H8O/c1-2-9-7-8-5-3-4-6-10(8)11-9/h2-7H,1H2
InchiKey:	HVFZVIHIJNLIED-UHFFFAOYSA-N
Formula:	C10H8O
SMILES:	C=Cc1cc2ccccc2o1
Mol. weight [g/mol]:	144.17
CAS:	7522-79-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.83		Crippen Method
logp	3.076		Crippen Method
mcvol	114.410	ml/mol	McGowan Method
rinpol	1220.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7522794&Units=SI
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

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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