

Furan, 3-chloro-

Other names:	3-chlorofuran
Inchi:	InChI=1S/C4H3ClO/c5-4-1-2-6-3-4/h1-3H
InchiKey:	JPPBBGANXNRTBE-UHFFFAOYSA-N
Formula:	C4H3ClO
SMILES:	Clc1ccoc1
Mol. weight [g/mol]:	102.52
CAS:	50689-17-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.89		Crippen Method
logp	1.933		Crippen Method
mcvol	65.870	ml/mol	McGowan Method
rinpol	633.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C50689173&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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