Furan, 2-chloro-

Other names:	2-Chlorofuran
Inchi:	InChI=1S/C4H3ClO/c5-4-2-1-3-6-4/h1-3H
InchiKey:	YSMYHWBQQONPRD-UHFFFAOYSA-N
Formula:	C4H3ClO
SMILES:	Clc1ccco1
Mol. weight [g/mol]:	102.52
CAS:	3187-94-8

Physical Properties

Property code	Value	Unit	Source
ie	8.75	eV	NIST Webbook
log10ws	-5.89		Crippen Method
logp	1.933		Crippen Method
mcvol	65.870	ml/mol	McGowan Method
rinpol	628.00		NIST Webbook
rinpol	628.00		NIST Webbook
tb	351.65 ± 2.00	K	NIST Webbook
tb	351.65 ± 2.00	K	NIST Webbook

Sources

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=C3187948&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

https://www.chemeo.com/cid/17-162-3/Furan-2-chloro.pdf

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