

2-Furancarboxamide, N-(3-chlorophenyl)-

Inchi:	InChI=1S/C11H8ClNO2/c12-8-3-1-4-9(7-8)13-11(14)10-5-2-6-15-10/h1-7H,(H,13,14)
InchiKey:	GXPIOIHKCASZKA-UHFFFAOYSA-N
Formula:	C11H8ClNO2
SMILES:	O=C(Nc1cccc(Cl)c1)c1ccco1
Mol. weight [g/mol]:	221.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.87		Crippen Method
logp	3.185		Crippen Method
mcvol	152.290	ml/mol	McGowan Method
rinpola	1914.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U307037&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
rinpola:	Non-polar retention indices

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