

# Cyclobutanecarboxamide, N-(3-chlorophenyl)-

<b>Inchi:</b>	InChI=1S/C11H12ClNO/c12-9-5-2-6-10(7-9)13-11(14)8-3-1-4-8/h2,5-8H,1,3-4H2,(H,13,14)
<b>InchiKey:</b>	NKTPEKDVZVAYNU-UHFFFAOYSA-N
<b>Formula:</b>	C11H12ClNO
<b>SMILES:</b>	OC(=Nc1cccc(Cl)c1)C1CCC1
<b>Mol. weight [g/mol]:</b>	209.67

## Physical Properties

Property code	Value	Unit	Source
hf	-74.21	kJ/mol	Joback Method
hvap	67.56	kJ/mol	Joback Method
log10ws	-3.45		Crippen Method
logp	3.728		Crippen Method
mcvol	155.020	ml/mol	McGowan Method
pc	2928.17	kPa	Joback Method
rinpol	1872.00		NIST Webbook
rinpol	1872.00		NIST Webbook
tb	699.92	K	Joback Method
tc	932.35	K	Joback Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U307048&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U307048&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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