

# 5-Chloro-beznofurazan oxide

<b>Other names:</b>	5-Chlorobenzofuroxan 5-Chlorobenzofurazan-1-oxide
<b>Inchi:</b>	InChI=1S/C6H3ClN2O2/c7-4-1-2-6-5(3-4)8-11-9(6)10/h1-3H
<b>InchiKey:</b>	DHPQXIQZZCNOLI-UHFFFAOYSA-N
<b>Formula:</b>	C6H3ClN2O2
<b>SMILES:</b>	[O-][n+]1onc2cc(Cl)ccc21
<b>Mol. weight [g/mol]:</b>	170.55
<b>CAS:</b>	17348-69-5

## Physical Properties

Property code	Value	Unit	Source
chs	-3006.90 ± 1.60	kJ/mol	NIST Webbook
hf	274.70 ± 2.50	kJ/mol	NIST Webbook
hfs	193.50 ± 1.80	kJ/mol	NIST Webbook
hsub	81.20 ± 1.80	kJ/mol	NIST Webbook
hsub	81.20 ± 1.80	kJ/mol	NIST Webbook
log10ws	-8.99		Crippen Method
logp	1.115		Crippen Method
mcpvol	100.420	ml/mol	McGowan Method

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C17348695&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C17348695&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>chs:</b>	Standard solid enthalpy of combustion
<b>hf:</b>	Enthalpy of formation at standard conditions

<b>hfs:</b>	Solid phase enthalpy of formation at standard conditions
<b>hsub:</b>	Enthalpy of sublimation 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

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