

# Benzo[c]cinnoline-5,6-dioxide

<b>Inchi:</b>	InChI=1S/C12H8N2O2/c15-13-11-7-3-1-5-9(11)10-6-2-4-8-12(10)14(13)16/h1-8H
<b>InchiKey:</b>	ALXZIDGKHZGBTI-UHFFFAOYSA-N
<b>Formula:</b>	C12H8N2O2
<b>SMILES:</b>	[O-][n+]1c2ccccc2c2ccccc2[n+]1[O-]
<b>Mol. weight [g/mol]:</b>	212.20
<b>CAS:</b>	7052-12-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.14		Crippen Method
logp	1.260		Crippen Method
mcvol	148.960	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<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=C7052122&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7052122&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>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/85-425-6/Benzo-c-cinnoline-5-6-dioxide.pdf>

Generated by Cheméo on 2024-04-26 07:50:51.06190122 +0000 UTC m=+16407099.982478536.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.