

# 8-Quinolinol, 5-nitroso-

<b>Other names:</b>	5-Nitroso-8-quinolinol 5-Nitroso-8-hydroxyquinoline Hydron III 5-Nitroso-8-cinnolinol 8-Hydroxy-5-nitrosoquinoline RMH-79 5-nitrosoquinolin-8-ol
<b>Inchi:</b>	InChI=1S/C9H6N2O2/c12-8-4-3-7(11-13)6-2-1-5-10-9(6)8/h1-5,12H
<b>InchiKey:</b>	RZWRYPGAUIOOMK-UHFFFAOYSA-N
<b>Formula:</b>	C9H6N2O2
<b>SMILES:</b>	O=Nc1ccc(O)c2ncccc12
<b>Mol. weight [g/mol]:</b>	174.16
<b>CAS:</b>	3565-26-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	2.338		Crippen Method
mccvol	121.850	ml/mol	McGowan Method

## Sources

<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>
<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=C3565262&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3565262&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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