

8-Quinolinol, 5-nitroso-

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

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3565262&Units=SI

Legend

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

mcvol: McGowan's characteristic volume

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