

# 6-Methoxy-2-benzoxazolinone

<b>Other names:</b>	2-Benzoxazolinone, 6-methoxy- 2(3H)-Benzoxazolone, 6-methoxy- Coixol 6-Mboa 6-Methoxybenzoxazolinone
<b>Inchi:</b>	InChI=1S/C8H7NO3/c1-11-5-2-3-6-7(4-5)12-8(10)9-6/h2-4H,1H3,(H,9,10)
<b>InchiKey:</b>	MKMCJLMBVKHUMS-UHFFFAOYSA-N
<b>Formula:</b>	C8H7NO3
<b>SMILES:</b>	<chem>COc1ccc2[nH]c(=O)oc2c1</chem>
<b>Mol. weight [g/mol]:</b>	165.15
<b>CAS:</b>	532-91-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.77		Crippen Method
logp	0.648		Crippen Method
mcvol	112.250	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=C532912&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C532912&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>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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