

# Quinazolinone, 3-methyl-2-(o-tolyl)-4-(3h)-

<b>Inchi:</b>	InChI=1S/C16H14N2O/c1-11-7-3-4-8-12(11)15-17-14-10-6-5-9-13(14)16(19)18(15)2/h3-
<b>InchiKey:</b>	CYHHURWRFCFHAS-UHFFFAOYSA-N
<b>Formula:</b>	C16H14N2O
<b>SMILES:</b>	Cc1ccccc1-c1nc2ccccc2c(=O)n1C
<b>Mol. weight [g/mol]:</b>	250.30
<b>CAS:</b>	24303-76-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.83		Crippen Method
logp	2.909		Crippen Method
mcvol	195.150	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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=C24303762&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C24303762&amp;Units=SI</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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