

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

Inchi:	InChI=1S/C16H13ClN2O/c1-10-13(17)7-5-9-15(10)19-11(2)18-14-8-4-3-6-12(14)16(19)2
InchiKey:	MCCICLHYQKULJG-UHFFFAOYSA-N
Formula:	C16H13ClN2O
SMILES:	Cc1c(Cl)cccc1-n1c(C)nc2ccccc2c1=O
Mol. weight [g/mol]:	284.74
CAS:	1915-77-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	3.656		Crippen Method
mcvol	207.390	ml/mol	McGowan Method

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1915771&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1915771&amp;Units=SI</a>

## Legend

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

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