

# Tolclofos-methyl oxon

**Inchi:** InChI=1S/C9H11Cl2O3P/c1-6-4-7(10)9(8(11)5-6)15(12,13-2)14-3/h4-5H,1-3H3  
**InchiKey:** AQJZAMCZWYHWMG-UHFFFAOYSA-N  
**Formula:** C9H11Cl2O3P  
**SMILES:** COP(=O)(OC)c1c(Cl)cc(C)cc1Cl  
**Mol. weight [g/mol]:** 269.06

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.96		Crippen Method
logp	3.413		Crippen Method
mcvol	176.460	ml/mol	McGowan Method
rinpol	1860.00		NIST Webbook
rinpol	1794.00		NIST Webbook
rinpol	1860.00		NIST Webbook
rinpol	1794.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=R197665&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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