

# cis o,o'-Azodioxytoluene

<b>Inchi:</b>	InChI=1S/C14H14N2O2/c1-11-7-3-5-9-13(11)15(17)16(18)14-10-6-4-8-12(14)2/h3-10H,1
<b>InchiKey:</b>	QTLCLSAVEASXCP-NXVVXOECSA-N
<b>Formula:</b>	C14H14N2O2
<b>SMILES:</b>	Cc1ccccc1[N+](=[O-])=[N+](=[O-])c1ccccc1C
<b>Mol. weight [g/mol]:</b>	242.27
<b>CAS:</b>	54388-96-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.25		Crippen Method
logp	3.739		Crippen Method
mcvol	188.000	ml/mol	McGowan Method

## Sources

<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>
<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=C54388964&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C54388964&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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