

# (E) 2,2',4,4',6,6'-Hexamethylazodioxybenzene

<b>Inchi:</b>	InChI=1S/C18H22N2O2/c1-11-7-13(3)17(14(4)8-11)19(21)20(22)18-15(5)9-12(2)10-16(1)
<b>InchiKey:</b>	WJNNDZMCMDEEQQ-FMQUCBEESA-N
<b>Formula:</b>	C18H22N2O2
<b>SMILES:</b>	Cc1cc(C)c([N+])([O-])=[N+](O)c2c(C)cc(C)cc2C)c(C)c1
<b>Mol. weight [g/mol]:</b>	298.38
<b>CAS:</b>	129615-67-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.15		Crippen Method
logp	4.973		Crippen Method
mcvol	244.360	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=C129615674&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C129615674&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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