

# trans-Nitrosobenzene dimer

<b>Inchi:</b>	InChI=1S/C12H10N2O2/c15-13(11-7-3-1-4-8-11)14(16)12-9-5-2-6-10-12/h1-10H/b14-13
<b>InchiKey:</b>	WHFNSVMCGRQIRC-BUHFOSPRSA-N
<b>Formula:</b>	C12H10N2O2
<b>SMILES:</b>	[O-][N+](c1ccccc1)=[N+]([O-])c1ccccc1
<b>Mol. weight [g/mol]:</b>	214.22
<b>CAS:</b>	115626-83-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	3.123		Crippen Method
mcvol	159.820	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=C115626830&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C115626830&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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