

# Dimaleimide, n,n'-p-phenylene-

<b>Other names:</b>	N,N'-p-phenylenedimaleimide
<b>Inchi:</b>	InChI=1S/C14H8N2O4/c17-11-5-6-12(18)15(11)9-1-2-10(4-3-9)16-13(19)7-8-14(16)20/h
<b>InchiKey:</b>	AQGZJQNZNONGKY-UHFFFAOYSA-N
<b>Formula:</b>	C14H8N2O4
<b>SMILES:</b>	O=C1C=CC(=O)N1c1ccc(N2C(=O)C=CC2=O)cc1
<b>Mol. weight [g/mol]:</b>	268.22
<b>CAS:</b>	3278-31-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.56		Crippen Method
logp	0.545		Crippen Method
mcvol	180.280	ml/mol	McGowan Method

## Sources

<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=C3278317&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3278317&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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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