

# N-(p-Methoxyphenyl)maleimide

<b>Other names:</b>	N-(4-Methoxyphenyl)maleimide
<b>Inchi:</b>	InChI=1S/C11H9NO3/c1-15-9-4-2-8(3-5-9)12-10(13)6-7-11(12)14/h2-7H,1H3
<b>InchiKey:</b>	XAHCEMQKWSQGLQ-UHFFFAOYSA-N
<b>Formula:</b>	C11H9NO3
<b>SMILES:</b>	COc1ccc(N2C(=O)C=CC2=O)cc1
<b>Mol. weight [g/mol]:</b>	203.19
<b>CAS:</b>	1081-17-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	1.125		Crippen Method
mcpvol	145.920	ml/mol	McGowan Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	121.10 ± 0.80	kJ/mol	360.00	NIST Webbook

## 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=C1081170&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1081170&amp;Units=SI</a>

## Legend

**hsubt:** Enthalpy of sublimation at a given temperature  
**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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