

# Acetanilide, p-maleimido-

<b>Inchi:</b>	InChI=1S/C12H10N2O3/c1-8(15)13-9-2-4-10(5-3-9)14-11(16)6-7-12(14)17/h2-7H,1H3,(H
<b>InchiKey:</b>	QQFMVORCQKXLRN-UHFFFAOYSA-N
<b>Formula:</b>	C12H10N2O3
<b>SMILES:</b>	CC(=O)Nc1ccc(N2C(=O)C=CC2=O)cc1
<b>Mol. weight [g/mol]:</b>	230.22
<b>CAS:</b>	5702-75-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	1.074		Crippen Method
mcvol	165.690	ml/mol	McGowan Method

## Sources

<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=C5702750&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5702750&amp;Units=SI</a>
<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>

## 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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