

# Nicotinamide, N-(4-fluorophenyl)-

<b>Inchi:</b>	InChI=1S/C12H9FN2O/c13-10-3-5-11(6-4-10)15-12(16)9-2-1-7-14-8-9/h1-8H,(H,15,16)
<b>InchiKey:</b>	SRPXJYRIMMGYIB-UHFFFAOYSA-N
<b>Formula:</b>	C12H9FN2O
<b>SMILES:</b>	O=C(Nc1ccc(F)cc1)c1cccnc1
<b>Mol. weight [g/mol]:</b>	216.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Crippen Method
logp	2.473		Crippen Method
mcvol	155.720	ml/mol	McGowan Method
rinpol	1961.00		NIST Webbook
rinpol	1961.00		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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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=U308104&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U308104&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
<b>rinpol:</b>	Non-polar retention indices

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