

# N-(4,6-Dimethylpyrimidin-2-yl)-N-phenylacetamide

<b>Other names:</b>	2-Pyrimidinamine, 4,6-dimethyl-N-acetyl-N-phenyl- 4,6-Dimethyl-N-acetyl-N-phenyl-2-pyrimidinamine N-Acetyl-N-phenyl-4,6-dimethyl-2-pyrimidinamine 4,6-Dimethyl-N-phenyl-pyrimidin-2-amine acetate
<b>Inchi:</b>	InChI=1S/C14H15N3O/c1-10-9-11(2)16-14(15-10)17(12(3)18)13-7-5-4-6-8-13/h4-9H,1-3
<b>InchiKey:</b>	RWIQLYHYUNCBSK-UHFFFAOYSA-N
<b>Formula:</b>	C14H15N3O
<b>SMILES:</b>	CC(=O)N(c1cccc1)c1nc(C)cc(C)n1
<b>Mol. weight [g/mol]:</b>	241.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.85		Crippen Method
logp	2.778		Crippen Method
mcvol	192.110	ml/mol	McGowan Method
rinpol	1957.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373335&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373335&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>
<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>

## 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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