

# N,N-Dimethyl-N'-(4-methoxyphenyl)-pivalamidine

Inchi:	lnChI=1S/C14H22N2O/c1-14(2,3)13(16(4)5)15-11-7-9-12(17-6)10-8-11/h7-10H,1-6H3/b1
InchiKey:	XHQOVLLDPIGXNM-FYWRMAATSA-N
Formula:	C14H22N2O
SMILES:	COc1ccc(N=C(N(C)C)C(C)(C)C)cc1
Mol. weight [g/mol]:	234.34

## Physical Properties

Property code	Value	Unit	Source
hf	-108.24	kJ/mol	Joback Method
hvap	56.25	kJ/mol	Joback Method
log10ws	-3.08		Crippen Method
logp	3.333		Crippen Method
mcvol	205.890	ml/mol	McGowan Method
pc	1816.95	kPa	Joback Method
rinpol	1765.00		NIST Webbook
tb	659.57	K	Joback Method
tc	879.69	K	Joback Method

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R162540&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R162540&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
Joback Method:	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l

<b>logP:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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