

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

**Inchi:** InChI=1S/C15H24N2O/c1-7-18-13-10-8-12(9-11-13)16-14(17(5)6)15(2,3)4/h8-11H,7H2,1  
**InchiKey:** WSKJJNABSYREHU-UHFFFAOYSA-N  
**Formula:** C15H24N2O  
**SMILES:** CCOc1ccc(N=C(N(C)C)C(C)(C)C)cc1  
**Mol. weight [g/mol]:** 248.36

## Physical Properties

Property code	Value	Unit	Source
hf	-128.88	kJ/mol	Joback Method
hvap	58.47	kJ/mol	Joback Method
log10ws	-3.49		Crippen Method
logp	3.723		Crippen Method
mcvol	219.980	ml/mol	McGowan Method
pc	1676.91	kPa	Joback Method
rinpol	1810.00		NIST Webbook
tb	682.45	K	Joback Method
tc	898.90	K	Joback Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R162520&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Joback Method:** [https://en.wikipedia.org/wiki/Joback\\_method](https://en.wikipedia.org/wiki/Joback_method)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## 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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