

# Formamidine, 3,3-dimethyl-1-(4-bromophenyl)

<b>Other names:</b>	N'-(4-bromo-phenyl)-N,N-dimethyl-formamidine
<b>Inchi:</b>	InChI=1S/C9H11BrN2/c1-12(2)7-11-9-5-3-8(10)4-6-9/h3-7H,1-2H3
<b>InchiKey:</b>	OJKJZQJONGTMRZ-UHFFFAOYSA-N
<b>Formula:</b>	C9H11BrN2
<b>SMILES:</b>	CN(C)C=Nc1ccc(Br)cc1
<b>Mol. weight [g/mol]:</b>	227.10

## Physical Properties

Property code	Value	Unit	Source
hf	172.05	kJ/mol	Joback Method
hvap	50.36	kJ/mol	Joback Method
log10ws	-2.69		Crippen Method
logp	2.671		Crippen Method
mcvol	147.070	ml/mol	McGowan Method
pc	3072.75	kPa	Joback Method
rinpol	1732.00		NIST Webbook
rinpol	1732.00		NIST Webbook
tb	592.26	K	Joback Method
tc	832.25	K	Joback Method

## Sources

<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</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=R118464&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R118464&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>

## Legend

hf: Enthalpy of formation at standard conditions

<b>h<sub>vap</sub>:</b>	Enthalpy of vaporization at standard conditions
<b>log<sub>10</sub>w<sub>s</sub>:</b>	Log <sub>10</sub> of Water solubility in mol/l
<b>log<sub>p</sub>:</b>	Octanol/Water partition coefficient
<b>mc<sub>vol</sub>:</b>	McGowan's characteristic volume
<b>p<sub>c</sub>:</b>	Critical Pressure
<b>ri<sub>npol</sub>:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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