

# N'-(1-naphthyl)-N,N-dimethyl-formamidine

Inchi:	InChI=1S/C13H14N2/c1-15(2)10-14-13-9-5-7-11-6-3-4-8-12(11)13/h3-10H,1-2H3
InchiKey:	FZMKIGMPAUBOSP-UHFFFAOYSA-N
Formula:	C13H14N2
SMILES:	CN(C)C=Nc1ccccc2ccccc12
Mol. weight [g/mol]:	198.26

## Physical Properties

Property code	Value	Unit	Source
hf	254.23	kJ/mol	Joback Method
hvap	54.47	kJ/mol	Joback Method
log10ws	-3.33		Crippen Method
logp	3.061		Crippen Method
mcvol	166.470	ml/mol	McGowan Method
pc	2470.27	kPa	Joback Method
rinpol	1963.00		NIST Webbook
rinpol	1963.00		NIST Webbook
tb	636.60	K	Joback Method
tc	874.95	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=R153190&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R153190&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

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mvol:</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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