

N'-(2-naphthyl)-N,N-dimethyl-formamidine

Inchi:	InChI=1S/C13H14N2/c1-15(2)10-14-13-8-7-11-5-3-4-6-12(11)9-13/h3-10H,1-2H3
InchiKey:	CAISZHFNIGZYJL-UHFFFAOYSA-N
Formula:	C13H14N2
SMILES:	CN(C)C=Nc1ccc2ccccc2c1
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	1987.00		NIST Webbook
tb	636.60	K	Joback Method
tc	874.95	K	Joback Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R153209&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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

Latest version available from:

<https://www.cheméo.com/cid/43-355-0/N-2-naphthyl-N-N-dimethyl-formamidine.pdf>

Generated by Cheméo on 2026-05-18 13:12:35.347912488 +0000 UTC m=+2875304.405994709.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.