

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=Nc1cccc2ccccc12
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
mcpvol	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

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R153190&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

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

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