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

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