N,N-Dimethyl-N'-hexyl-formamidine

Other names: Formamidine, 1-hexyl-3,3-dimethyl
Inchi: InChI=1S/C9H20N2/c1-4-5-6-7-8-10-9-11(2)3/h9H,4-8H2,1-3H3
InchiKey: LCVLTKREKPKYOA-UHFFFAOYSA-N
Formula: C9H20N2
SMILES: CCCCCCN=CN(C)C
Mol. weight [g/mol]: 156.27

Physical Properties

Property code	Value	Unit	Source
hf	-79.34	kJ/mol	Joback Method
hvap	40.98	kJ/mol	Joback Method
log10ws	-1.82		Crippen Method
logp	2.157		Crippen Method
mcvol	153.330	ml/mol	McGowan Method
pc	2086.93	kPa	Joback Method
rinpol	1166.00		NIST Webbook
rinpol	1166.00		NIST Webbook
rinpol	1166.00		NIST Webbook
tb	494.44	K	Joback Method
tc	675.03	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R118360&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