N,N-Dimethyl-N'-hexyl-benzamidine

Inchi: InChI=1S/C15H24N2/c1-4-5-6-10-13-16-15(17(2)3)14-11-8-7-9-12-14/h7-9,11-12H,4-6,1

InchiKey: QMFANRHHBXSQMN-FOCLMDBBSA-N

Formula: C15H24N2

SMILES: CCCCCCN=C(c1ccccc1)N(C)C

Mol. weight [g/mol]: 232.36

Physical Properties

Property code	Value	Unit	Source
hf	23.56	kJ/mol	Joback Method
hvap	56.70	kJ/mol	Joback Method
log10ws	-3.54		Crippen Method
logp	3.575		Crippen Method
mcvol	214.110	ml/mol	McGowan Method
pc	1694.90	kPa	Joback Method
rinpol	1689.00		NIST Webbook
rinpol	1689.00		NIST Webbook
tb	658.28	K	Joback Method
tc	865.06	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159252&Units=SI

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