N,N-Dimethyl-N'-pentyl-benzamidine

Inchi: InChI=1S/C14H22N2/c1-4-5-9-12-15-14(16(2)3)13-10-7-6-8-11-13/h6-8,10-11H,4-5,9,12
InchiKey: GTAIAOAXLHTXTH-CCEZHUSRSA-N
Formula: C14H22N2
SMILES: CCCCCN=C(c1ccccc1)N(C)C
Mol. weight [g/mol]: 218.34

Physical Properties

Property code	Value	Unit	Source
hf	44.20	kJ/mol	Joback Method
hvap	54.47	kJ/mol	Joback Method
log10ws	-3.12		Crippen Method
logp	3.185		Crippen Method
mcvol	200.020	ml/mol	McGowan Method
pc	1837.26	kPa	Joback Method
rinpol	1637.00		NIST Webbook
tb	635.40	K	Joback Method
tc	845.31	K	Joback Method

Sources

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=R159376&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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