N,N-Dimethyl-2-phenyl-N'-pentyl-acetamidine

Inchi: InChI=1S/C15H24N2/c1-4-5-9-12-16-15(17(2)3)13-14-10-7-6-8-11-14/h6-8,10-11H,4-5,9
InchiKey: SACBYZLORDMQDQ-FOCLMDBBSA-N
Formula: C15H24N2
SMILES: CCCCCN=C(Cc1ccccc1)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	-3.43		Crippen Method
logp	3.379		Crippen Method
mcvol	214.110	ml/mol	McGowan Method
pc	1694.90	kPa	Joback Method
rinpol	1739.00		NIST Webbook
tb	658.28	K	Joback Method
tc	865.06	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162322&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