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

Inchi: InChI=1S/C16H26N2/c1-4-5-6-10-13-17-16(18(2)3)14-15-11-8-7-9-12-15/h7-9,11-12H,4-

InchiKey: ZEARTPFUGKPCDJ-WUKNDPDISA-N

Formula: C16H26N2

SMILES: CCCCCCN=C(Cc1ccccc1)N(C)C

Mol. weight [g/mol]: 246.39

Physical Properties

Property code	Value	Unit	Source
hf	2.92	kJ/mol	Joback Method
hvap	58.92	kJ/mol	Joback Method
log10ws	-3.85		Crippen Method
logp	3.770		Crippen Method
mcvol	228.200	ml/mol	McGowan Method
pc	1568.47	kPa	Joback Method
rinpol	1881.00		NIST Webbook
tb	681.16	K	Joback Method
tc	885.15	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162293&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