N,N-Dimethyl-N'-benzyl-pivalamidine

Inchi: InChI=1S/C14H22N2/c1-14(2,3)13(16(4)5)15-11-12-9-7-6-8-10-12/h6-10H,11H2,1-5H3/b
InchiKey: ZQMRGLURTOZQRL-FYWRMAATSA-N
Formula: C14H22N2
SMILES: CN(C)C(=NCc1ccccc1)C(C)(C)C
Mol. weight [g/mol]: 218.34

Physical Properties

Property code	Value	Unit	Source
hf	35.45	kJ/mol	Joback Method
hvap	53.17	kJ/mol	Joback Method
log10ws	-3.27		Crippen Method
logp	3.193		Crippen Method
mcvol	200.020	ml/mol	McGowan Method
pc	1867.55	kPa	Joback Method
rinpol	1607.00		NIST Webbook
tb	632.17	K	Joback Method
tc	854.19	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=R162604&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