N,N-Dimethyl-N'-(3-methoxyphenyl)-pivalamidine

Inchi: InChI=1S/C14H22N2O/c1-14(2,3)13(16(4)5)15-11-8-7-9-12(10-11)17-6/h7-10H,1-6H3/b1
InchiKey: ORKNPOVDAQCECI-FYWRMAATSA-N
Formula: C14H22N2O
SMILES: COc1cccc(N=C(N(C)C)C(C)(C)C)c1
Mol. weight [g/mol]: 234.34

Physical Properties

Property code	Value	Unit	Source
hf	-108.24	kJ/mol	Joback Method
hvap	56.25	kJ/mol	Joback Method
log10ws	-3.08		Crippen Method
logp	3.333		Crippen Method
mcvol	205.890	ml/mol	McGowan Method
pc	1816.95	kPa	Joback Method
rinpol	1746.00		NIST Webbook
rinpol	1746.00		NIST Webbook
tb	659.57	K	Joback Method
tc	879.69	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=R162426&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