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

Inchi: InChI=1S/C15H24N2O/c1-7-18-13-10-8-9-12(11-13)16-14(17(5)6)15(2,3)4/h8-11H,7H2,1
InchiKey: XXNJOCFKWCSQHV-JQIJEIRASA-N
Formula: C15H24N2O
SMILES: CCOc1cccc(N=C(N(C)C)C(C)(C)C)c1
Mol. weight [g/mol]: 248.36

Physical Properties

Property code	Value	Unit	Source
hf	-128.88	kJ/mol	Joback Method
hvap	58.47	kJ/mol	Joback Method
log10ws	-3.49		Crippen Method
logp	3.723		Crippen Method
mcvol	219.980	ml/mol	McGowan Method
pc	1676.91	kPa	Joback Method
rinpol	1792.00		NIST Webbook
rinpol	1792.00		NIST Webbook
tb	682.45	K	Joback Method
tc	898.90	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=R162406&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