N,N-Dimethyl-N'-(4-methylphenyl)-pivalamidine

Inchi: InChI=1S/C14H22N2/c1-11-7-9-12(10-8-11)15-13(16(5)6)14(2,3)4/h7-10H,1-6H3

InchiKey: DALZQKBTGFFUGH-UHFFFAOYSA-N

Formula: C14H22N2

SMILES: Cc1ccc(N=C(N(C)C)C(C)(C)C)cc1

Mol. weight [g/mol]: 218.34

Physical Properties

Property code	Value	Unit	Source
hf	23.98	kJ/mol	Joback Method
hvap	53.84	kJ/mol	Joback Method
log10ws	-3.43		Crippen Method
logp	3.633		Crippen Method
mcvol	200.020	ml/mol	McGowan Method
pc	1843.58	kPa	Joback Method
rinpol	1614.00		NIST Webbook
tb	637.15	K	Joback Method
tc	860.09	K	Joback Method

Sources

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=R162560&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

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