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

Inchi: InChI=1S/C13H19ClN2/c1-13(2,3)12(16(4)5)15-11-8-6-10(14)7-9-11/h6-9H,1-5H3
InchiKey: YWOOHKGHDCYXEK-UHFFFAOYSA-N
Formula: C13H19ClN2
SMILES: CN(C)C(=Nc1ccc(Cl)cc1)C(C)(C)C
Mol. weight [g/mol]: 238.76

Physical Properties

Property code	Value	Unit	Source
hf	28.88	kJ/mol	Joback Method
hvap	56.00	kJ/mol	Joback Method
log10ws	-3.64		Crippen Method
logp	3.978		Crippen Method
mcvol	198.170	ml/mol	McGowan Method
pc	1940.65	kPa	Joback Method
rinpol	1745.00		NIST Webbook
rinpol	1745.00		NIST Webbook
tb	651.70	K	Joback Method
tc	882.11	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=R162500&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