N,N-Dimethyl-N'-butyl-p-methylbenzamidine

Inchi: InChI=1S/C14H22N2/c1-5-6-11-15-14(16(3)4)13-9-7-12(2)8-10-13/h7-10H,5-6,11H2,1-4
InchiKey: CVNOZHFXCZQWEO-CCEZHUSRSA-N
Formula: C14H22N2
SMILES: CCCCN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 218.34

Physical Properties

Property code	Value	Unit	Source
hf	32.73	kJ/mol	Joback Method
hvap	55.13	kJ/mol	Joback Method
log10ws	-3.17		Crippen Method
logp	3.103		Crippen Method
mcvol	200.020	ml/mol	McGowan Method
pc	1813.86	kPa	Joback Method
rinpol	1627.00		NIST Webbook
rinpol	1627.00		NIST Webbook
tb	640.38	K	Joback Method
tc	851.18	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159123&Units=SI
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

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