N,N-Dimethyl-N'-pentyl-p-methoxybenzamidine

Inchi: InChI=1S/C15H24N2O/c1-5-6-7-12-16-15(17(2)3)13-8-10-14(18-4)11-9-13/h8-11H,5-7,1
InchiKey: LPGXACMSIZLZIE-FOCLMDBBSA-N
Formula: C15H24N2O
SMILES: CCCCCN=C(c1ccc(OC)cc1)N(C)C
Mol. weight [g/mol]: 248.36

Physical Properties

Property code	Value	Unit	Source
hf	-120.13	kJ/mol	Joback Method
hvap	59.77	kJ/mol	Joback Method
log10ws	-3.24		Crippen Method
logp	3.194		Crippen Method
mcvol	219.980	ml/mol	McGowan Method
pc	1651.11	kPa	Joback Method
rinpol	1820.00		NIST Webbook
rinpol	1820.00		NIST Webbook
tb	685.68	K	Joback Method
tc	891.43	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159396&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