N,N-Dimethyl-N'-pentyl-p-methylbenzamidine

Inchi: InChI=1S/C15H24N2/c1-5-6-7-12-16-15(17(3)4)14-10-8-13(2)9-11-14/h8-11H,5-7,12H2,1
InchiKey: HUECYLMDPTVRCL-UHFFFAOYSA-N
Formula: C15H24N2
SMILES: CCCCCN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 232.36

Physical Properties

Property code	Value	Unit	Source
hf	12.09	kJ/mol	Joback Method
hvap	57.36	kJ/mol	Joback Method
log10ws	-3.59		Crippen Method
logp	3.493		Crippen Method
mcvol	214.110	ml/mol	McGowan Method
pc	1674.16	kPa	Joback Method
rinpol	1673.00		NIST Webbook
rinpol	1673.00		NIST Webbook
tb	663.26	K	Joback Method
tc	870.90	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=R159405&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