N,N-Dimethyl-N'-hexyl-p-methylbenzamidine

Inchi: InChI=1S/C16H26N2/c1-5-6-7-8-13-17-16(18(3)4)15-11-9-14(2)10-12-15/h9-12H,5-8,13H
InchiKey: SGYBTVBNAUTQCT-WUKNDPDISA-N
Formula: C16H26N2
SMILES: CCCCCCN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 246.39

Physical Properties

Property code	Value	Unit	Source
hf	-8.55	kJ/mol	Joback Method
hvap	59.59	kJ/mol	Joback Method
log10ws	-4.01		Crippen Method
logp	3.884		Crippen Method
mcvol	228.200	ml/mol	McGowan Method
pc	1550.00	kPa	Joback Method
rinpol	1767.00		NIST Webbook
tb	686.14	K	Joback Method
tc	890.97	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=R159287&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