N,N-Dimethyl-N'-hexyl-p-methoxybenzamidine

Inchi: InChI=1S/C16H26N2O/c1-5-6-7-8-13-17-16(18(2)3)14-9-11-15(19-4)12-10-14/h9-12H,5-

InchiKey: ULAUECKNMUJZCG-WUKNDPDISA-N

Formula: C16H26N2O

SMILES: CCCCCCN=C(c1ccc(OC)cc1)N(C)C

Mol. weight [g/mol]: 262.39

Physical Properties

Property code	Value	Unit	Source
hf	-140.77	kJ/mol	Joback Method
hvap	62.00	kJ/mol	Joback Method
log10ws	-3.66		Crippen Method
logp	3.584		Crippen Method
mcvol	234.070	ml/mol	McGowan Method
pc	1529.46	kPa	Joback Method
rinpol	1915.00		NIST Webbook
rinpol	1915.00		NIST Webbook
tb	708.56	K	Joback Method
tc	911.82	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=R159272&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