N,N-Dimethyl-N'-octyl-p-methoxybenzamidine

Inchi: InChI=1S/C18H30N2O/c1-5-6-7-8-9-10-15-19-18(20(2)3)16-11-13-17(21-4)14-12-16/h11
InchiKey: AKQHCILIWABBCM-VHEBQXMUSA-N
Formula: C18H30N2O
SMILES: CCCCCCCCN=C(c1ccc(OC)cc1)N(C)C
Mol. weight [g/mol]: 290.44

Physical Properties

Property code	Value	Unit	Source
hf	-182.05	kJ/mol	Joback Method
hvap	66.45	kJ/mol	Joback Method
log10ws	-4.49		Crippen Method
logp	4.364		Crippen Method
mcvol	262.250	ml/mol	McGowan Method
pc	1323.28	kPa	Joback Method
rinpol	2111.00		NIST Webbook
tb	754.32	K	Joback Method
tc	953.96	K	Joback Method

Sources

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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159356&Units=SI

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