N,N-Dimethyl-N'-decyl-p-methylbenzamidine

Inchi: InChI=1S/C20H34N2/c1-5-6-7-8-9-10-11-12-17-21-20(22(3)4)19-15-13-18(2)14-16-19/h1
InchiKey: TVGXBEWYDLWESW-QZQOTICOSA-N
Formula: C20H34N2
SMILES: CCCCCCCCCCN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 302.50

Physical Properties

Property code	Value	Unit	Source
hf	-91.11	kJ/mol	Joback Method
hvap	68.49	kJ/mol	Joback Method
log10ws	-5.69		Crippen Method
logp	5.444		Crippen Method
mcvol	284.560	ml/mol	McGowan Method
pc	1169.62	kPa	Joback Method
rinpol	2163.00		NIST Webbook
tb	777.66	K	Joback Method
tc	975.65	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=R159207&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