N,N-Dimethyl-N'-propyl-p-methylbenzamidine

Inchi: InChI=1S/C13H20N2/c1-5-10-14-13(15(3)4)12-8-6-11(2)7-9-12/h6-9H,5,10H2,1-4H3/b14
InchiKey: DACXEBLNSXSFBQ-BUHFOSPRSA-N
Formula: C13H20N2
SMILES: CCCN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 204.31

Physical Properties

Property code	Value	Unit	Source
hf	53.37	kJ/mol	Joback Method
hvap	52.91	kJ/mol	Joback Method
log10ws	-2.76		Crippen Method
logp	2.713		Crippen Method
mcvol	185.930	ml/mol	McGowan Method
pc	1971.80	kPa	Joback Method
rinpol	1583.00		NIST Webbook
tb	617.50	K	Joback Method
tc	831.78	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=R159485&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