N'-(3-methyl-phenyl)-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C11H16N2/c1-9-6-5-7-11(8-9)12-10(2)13(3)4/h5-8H,1-4H3/b12-10+
InchiKey: UQSHARSOYYHIAX-ZRDIBKRKSA-N
Formula: C11H16N2
SMILES: CC(=Nc1cccc(C)c1)N(C)C
Mol. weight [g/mol]: 176.26

Physical Properties

Property code	Value	Unit	Source
hf	94.65	kJ/mol	Joback Method
hvap	48.45	kJ/mol	Joback Method
log10ws	-2.42		Crippen Method
logp	2.607		Crippen Method
mcvol	157.750	ml/mol	McGowan Method
pc	2356.49	kPa	Joback Method
rinpol	1547.00		NIST Webbook
tb	571.74	K	Joback Method
tc	793.72	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R153318&Units=SI
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

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