N'-(4-iodo-phenyl)-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C10H13IN2/c1-8(13(2)3)12-10-6-4-5-9(11)7-10/h4-7H,1-3H3
InchiKey: JLHOXHKGFZSZHP-UHFFFAOYSA-N
Formula: C10H13IN2
SMILES: CC(=Nc1cccc(I)c1)N(C)C
Mol. weight [g/mol]: 288.13

Physical Properties

Property code	Value	Unit	Source
hf	192.16	kJ/mol	Joback Method
hvap	55.60	kJ/mol	Joback Method
log10ws	-3.09		Crippen Method
logp	2.903		Crippen Method
mcvol	169.480	ml/mol	McGowan Method
pc	2535.37	kPa	Joback Method
rinpol	1896.00		NIST Webbook
rinpol	1896.00		NIST Webbook
tb	642.00	K	Joback Method
tc	896.97	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R153427&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