N1N1-dimethyl-N2-ortho-methoxy-phenylformami

Inchi: InChI=1S/C10H14N2O/c1-12(2)8-11-9-6-4-5-7-10(9)13-3/h4-8H,1-3H3/b11-8+
InchiKey: IAXYUZNWRIJSIY-DHZHZOJOSA-N
Formula: C10H14N2O
SMILES: COc1ccccc1N=CN(C)C
Mol. weight [g/mol]: 178.23

Physical Properties

Property code	Value	Unit	Source
hf	-7.14	kJ/mol	Joback Method
hvap	48.56	kJ/mol	Joback Method
log10ws	-1.64		Crippen Method
logp	1.917		Crippen Method
mcvol	149.530	ml/mol	McGowan Method
pc	2535.37	kPa	Joback Method
rinpol	1557.00		NIST Webbook
tb	571.40	K	Joback Method
tc	790.60	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R164006&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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