N,N-Dimethyl-N'-(3-methoxyphenyl)-propionamidi

Inchi: InChI=1S/C12H18N2O/c1-5-12(14(2)3)13-10-7-6-8-11(9-10)15-4/h6-9H,5H2,1-4H3
InchiKey: XTWVAQQNZWAFSG-UHFFFAOYSA-N
Formula: C12H18N2O
SMILES: CCC(=Nc1cccc(OC)c1)N(C)C
Mol. weight [g/mol]: 206.28

Physical Properties

Property code	Value	Unit	Source
hf	-58.21	kJ/mol	Joback Method
hvap	53.09	kJ/mol	Joback Method
log10ws	-2.48		Crippen Method
logp	2.697		Crippen Method
mcvol	177.710	ml/mol	McGowan Method
pc	2117.78	kPa	Joback Method
rinpol	1741.00		NIST Webbook
rinpol	1741.00		NIST Webbook
tb	617.04	K	Joback Method
tc	832.45	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=R161918&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