N1N1-dimethyl-N2-ortho-hydroxyphenylformamid

Inchi: InChI=1S/C9H12N2O/c1-11(2)7-10-8-5-3-4-6-9(8)12/h3-7,12H,1-2H3
InchiKey: ZZLRBBAANDKQAJ-UHFFFAOYSA-N
Formula: C9H12N2O
SMILES: CN(C)C=Nc1ccccc1O
Mol. weight [g/mol]: 164.20

Physical Properties

Property code	Value	Unit	Source
hf	-20.12	kJ/mol	Joback Method
hvap	56.28	kJ/mol	Joback Method
log10ws	-1.07		Crippen Method
logp	1.614		Crippen Method
mcvol	135.440	ml/mol	McGowan Method
pc	3423.86	kPa	Joback Method
rinpol	1478.00		NIST Webbook
tb	601.74	K	Joback Method
tc	837.54	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R163994&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