benzaldehyde oxime, 2-hydroxy, 5-methyl-

Inchi: InChI=1S/C8H9NO2/c1-6-2-3-8(10)7(4-6)5-9-11/h2-5,10-11H,1H3
InchiKey: CFPNMYCFVVUHHC-UHFFFAOYSA-N
Formula: C8H9NO2
SMILES: Cc1ccc(O)c(C=NO)c1
Mol. weight [g/mol]: 151.16

Physical Properties

Property code	Value	Unit	Source
hf	-230.71	kJ/mol	Joback Method
hvap	69.35	kJ/mol	Joback Method
log10ws	-0.80		Crippen Method
logp	1.509		Crippen Method
mcvol	117.240	ml/mol	McGowan Method
pc	4249.61	kPa	Joback Method
rinpol	1627.00		NIST Webbook
tb	663.58	K	Joback Method
tc	888.45	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=R257004&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