

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

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
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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

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