Benzaldehyde, 4-hydroxy, O-methyloxime

Inchi: InChI=1S/C8H9NO2/c1-11-9-6-7-2-4-8(10)5-3-7/h2-6,10H,1H3/b9-6+
InchiKey: DAJIRPMNQQGGJN-RMKNXTFCSA-N
Formula: C8H9NO2
SMILES: CON=Cc1ccc(O)cc1
Mol. weight [g/mol]: 151.16

Physical Properties

Property code	Value	Unit	Source
hf	-199.23	kJ/mol	Joback Method
hvap	54.42	kJ/mol	Joback Method
log10ws	-1.17		Crippen Method
logp	1.373		Crippen Method
mcvol	117.240	ml/mol	McGowan Method
pc	3773.04	kPa	Joback Method
rinpol	1475.00		NIST Webbook
tb	588.84	K	Joback Method
tc	830.11	K	Joback Method

Sources

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=R100126&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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