benzaldehyde oxime, 2-hydroxy, 5-butyl

Inchi: InChI=1S/C11H15NO2/c1-2-3-4-9-5-6-11(13)10(7-9)8-12-14/h5-8,13-14H,2-4H2,1H3
InchiKey: UDIHLBRORZZCLI-UHFFFAOYSA-N
Formula: C11H15NO2
SMILES: CCCCc1ccc(O)c(C=NO)c1
Mol. weight [g/mol]: 193.24

Physical Properties

Property code	Value	Unit	Source
hf	-292.63	kJ/mol	Joback Method
hvap	76.03	kJ/mol	Joback Method
log10ws	-1.96		Crippen Method
logp	2.543		Crippen Method
mcvol	159.510	ml/mol	McGowan Method
pc	3012.33	kPa	Joback Method
rinpol	1852.00		NIST Webbook
rinpol	1852.00		NIST Webbook
tb	732.22	K	Joback Method
tc	946.43	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R256967&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