benzaldehyde oxime, 2-hydroxy, 3,5-di(t-butyl)

Inchi: InChI=1S/C15H23NO2/c1-14(2,3)11-7-10(9-16-18)13(17)12(8-11)15(4,5)6/h7-9,17-18H,1
InchiKey: OLGWQHUJCKJMLI-CXUHLZMHSA-N
Formula: C15H23NO2
SMILES: CC(C)(C)c1cc(C=NO)c(O)c(C(C)(C)C)c1
Mol. weight [g/mol]: 249.35

Physical Properties

Property code	Value	Unit	Source
hf	-404.16	kJ/mol	Joback Method
hvap	83.00	kJ/mol	Joback Method
log10ws	-2.95		Crippen Method
logp	3.795		Crippen Method
mcvol	215.870	ml/mol	McGowan Method
pc	2098.42	kPa	Joback Method
rinpol	1937.00		NIST Webbook
tb	822.26	K	Joback Method
tc	1045.61	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R256912&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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