B-resorcylaldoxime

Other names: 2,4-dihydroxybenzaldehyde oxime
Inchi: InChI=1S/C7H7NO3/c9-6-2-1-5(4-8-11)7(10)3-6/h1-4,9-11H/b8-4+
InchiKey: YIAZXUFZAYNWTP-XBXARRHUSA-N
Formula: C7H7NO3
SMILES: ON=Cc1ccc(O)cc1O
Mol. weight [g/mol]: 153.14
CAS: 5399-68-8

Physical Properties

Property code	Value	Unit	Source
hf	-375.91	kJ/mol	Joback Method
hvap	79.47	kJ/mol	Joback Method
log10ws	0.13		Crippen Method
logp	0.906		Crippen Method
mcvol	109.020	ml/mol	McGowan Method
pc	6161.14	kPa	Joback Method
tb	716.34	K	Joback Method
tc	952.53	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=C5399688&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature