2-Methoxybenzaldoxime

Other names:	o-Anisaldehyde oxime
	o-Methoxybenzaldehyde oxime
	Benzaldehyde, 2-methoxy-, oxime
Inchi:	InChI=1S/C8H9NO2/c1-11-8-5-3-2-4-7(8)6-9-10/h2-6,10H,1H3
InchiKey:	CBQNSTKQBGIAEL-UHFFFAOYSA-N
Formula:	C8H9NO2
SMILES:	COc1ccccc1C=NO
Mol. weight [g/mol]:	151.16
CAS:	29577-53-5

Physical Properties

Property code	Value	Unit	Source
hf	-185.62	kJ/mol	Joback Method
hvap	58.74	kJ/mol	Joback Method
log10ws	-0.90		Crippen Method
logp	1.503		Crippen Method
mcvol	117.240	ml/mol	McGowan Method
pc	3460.21	kPa	Joback Method
tb	605.38	K	Joback Method
tc	818.43	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=C29577535&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