o-Methoxybenzaldehyde oxime

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]:	151.17

Physical Properties

Property code	Value	Unit	Source
hvap	74.45	kJ/mol	Cheméo Relay (1.0)
ie	8.46	eV	Cheméo Relay (1.0)
log10ws	-1.19		Cheméo Relay (1.0)
logp	1.503		Crippen Method
mcvol	117.240	ml/mol	McGowan Method
tb	548.39	K	Cheméo Relay (1.0)
tc	766.79	K	Cheméo Relay (1.0)
tf	333.17	K	Cheméo Relay (1.0)

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C29577535&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point