Benzaldehyde, 4-methoxy-, O-methyloxime

Other names: p-Anisaldehyde, O-methyloxime
O-Methyl-p-anisaldoxime
Inchi: InChI=1S/C9H11NO2/c1-11-9-5-3-8(4-6-9)7-10-12-2/h3-7H,1-2H3
InchiKey: FRLGNZPYLCIAQC-UHFFFAOYSA-N
Formula: C9H11NO2
SMILES: CON=Cc1ccc(OC)cc1
Mol. weight [g/mol]: 165.19
CAS: 33499-40-0

Physical Properties

Property code	Value	Unit	Source
hf	-186.25	kJ/mol	Joback Method
hvap	46.70	kJ/mol	Joback Method
log10ws	-1.74		Crippen Method
logp	1.675		Crippen Method
mcvol	131.330	ml/mol	McGowan Method
pc	2755.56	kPa	Joback Method
rinpol	1339.00		NIST Webbook
rinpol	1339.00		NIST Webbook
tb	558.50	K	Joback Method
tc	782.40	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=C33499400&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature