O-methoxybenzylidene methyl amine

Other names: Methanamine, N-[(2-methoxyphenyl)methylene]-
Inchi: InChI=1S/C9H11NO/c1-10-7-8-5-3-4-6-9(8)11-2/h3-7H,1-2H3/b10-7+
InchiKey: BKWMHLUBGZTQLW-JXMROGBWSA-N
Formula: C9H11NO
SMILES: CN=Cc1ccccc1OC
Mol. weight [g/mol]: 149.19
CAS: 1125-90-2

Physical Properties

Property code	Value	Unit	Source
hf	-54.03	kJ/mol	Joback Method
hvap	44.29	kJ/mol	Joback Method
ie	8.22	eV	NIST Webbook
log10ws	-1.66		Crippen Method
logp	1.744		Crippen Method
mcvol	125.460	ml/mol	McGowan Method
pc	2805.41	kPa	Joback Method
tb	536.08	K	Joback Method
tc	762.82	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1125902&Units=SI

Legend

hf: Enthalpy of formation at standard conditions

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
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature