Benzenecarboximidic acid, N-methyl-, methyl ester

Inchi: InChI=1S/C9H11NO/c1-10-9(11-2)8-6-4-3-5-7-8/h3-7H,1-2H3/b10-9-
InchiKey: ODCHIEXXFGKZNZ-KTKRTIGZSA-N
Formula: C9H11NO
SMILES: CN=C(OC)c1ccccc1
Mol. weight [g/mol]: 149.19
CAS: 1775-61-7

Physical Properties

Property code	Value	Unit	Source
hf	-52.35	kJ/mol	Joback Method
hvap	43.71	kJ/mol	Joback Method
log10ws	-1.54		Crippen Method
logp	1.709		Crippen Method
mcvol	125.460	ml/mol	McGowan Method
pc	2865.80	kPa	Joback Method
tb	530.98	K	Joback Method
tc	760.95	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=C1775617&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