Benzamide, 3-methoxy-N-ethyl-

Inchi: InChI=1S/C10H13NO2/c1-3-11-10(12)8-5-4-6-9(7-8)13-2/h4-7H,3H2,1-2H3,(H,11,12)
InchiKey: HTGKXUZEDPDFIO-UHFFFAOYSA-N
Formula: C10H13NO2
SMILES: CCN=C(O)c1cccc(OC)c1
Mol. weight [g/mol]: 179.22

Physical Properties

Property code	Value	Unit	Source
hf	-236.69	kJ/mol	Joback Method
hvap	63.28	kJ/mol	Joback Method
log10ws	-1.90		Crippen Method
logp	2.020		Crippen Method
mcvol	145.420	ml/mol	McGowan Method
pc	2808.38	kPa	Joback Method
rinpol	1709.00		NIST Webbook
rinpol	1709.00		NIST Webbook
tb	651.02	K	Joback Method
tc	860.75	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U407506&Units=SI
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

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