1-Cyclopropanecarboxamide, 2-phenyl-N-methyl-

Inchi: InChI=1S/C11H13NO/c1-12-11(13)10-7-9(10)8-5-3-2-4-6-8/h2-6,9-10H,7H2,1H3,(H,12,1

InchiKey: XVWVXYDOVFHJSI-UHFFFAOYSA-N

Formula: C11H13NO

SMILES: CN=C(O)C1CC1c1ccccc1

Mol. weight [g/mol]: 175.23

Physical Properties

Property code	Value	Unit	Source
hf	-61.18	kJ/mol	Joback Method
hvap	62.03	kJ/mol	Joback Method
log10ws	-2.13		Crippen Method
logp	2.376		Crippen Method
mcvol	142.780	ml/mol	McGowan Method
pc	2909.25	kPa	Joback Method
rinpol	1881.00		NIST Webbook
rinpol	1881.00		NIST Webbook
tb	648.57	K	Joback Method
tc	870.21	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=U415231&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