1-Cyclopropanecarboxamide, 2-phenyl-N-ethyl-

Inchi: InChI=1S/C12H15NO/c1-2-13-12(14)11-8-10(11)9-6-4-3-5-7-9/h3-7,10-11H,2,8H2,1H3,(

InchiKey: BYOMBQLPVIVOTC-UHFFFAOYSA-N

Formula: C12H15NO

SMILES: CCN=C(O)C1CC1c1ccccc1

Mol. weight [g/mol]: 189.25

Physical Properties

Property code	Value	Unit	Source
hf	-81.82	kJ/mol	Joback Method
hvap	64.26	kJ/mol	Joback Method
log10ws	-2.55		Crippen Method
logp	2.767		Crippen Method
mcvol	156.870	ml/mol	McGowan Method
pc	2629.85	kPa	Joback Method
rinpol	1926.00		NIST Webbook
tb	671.45	K	Joback Method
tc	889.27	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415232&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