1-Cyclopropanecarboxamide, 2-phenyl-N-nonyl-

Inchi: InChI=1S/C19H29NO/c1-2-3-4-5-6-7-11-14-20-19(21)18-15-17(18)16-12-9-8-10-13-16/h8

InchiKey: MPUSFZWJCUPNKD-UHFFFAOYSA-N

Formula: C19H29NO

SMILES: CCCCCCCCCN=C(O)C1CC1c1ccccc1

Mol. weight [g/mol]: 287.44

Physical Properties

Property code	Value	Unit	Source
hf	-226.30	kJ/mol	Joback Method
hvap	79.84	kJ/mol	Joback Method
log10ws	-5.48		Crippen Method
logp	5.497		Crippen Method
mcvol	255.500	ml/mol	McGowan Method
pc	1454.57	kPa	Joback Method
rinpol	2721.00		NIST Webbook
tb	831.61	K	Joback Method
tc	1035.24	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415243&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