1-Cyclopropanecarboxamide, 2-phenyl-N-tetradecyl-

Inchi: InChI=1S/C24H39NO/c1-2-3-4-5-6-7-8-9-10-11-12-16-19-25-24(26)23-20-22(23)21-17-14

InchiKey: AWQJTQYVAIKJSX-UHFFFAOYSA-N

Formula: C24H39NO

SMILES: CCCCCCCCCCCCCCN=C(O)C1CC1c1ccccc1

Mol. weight [g/mol]: 357.57

Physical Properties

Property code	Value	Unit	Source
hf	-329.50	kJ/mol	Joback Method
hvap	90.97	kJ/mol	Joback Method
log10ws	-7.57		Crippen Method
logp	7.448		Crippen Method
mcvol	325.950	ml/mol	McGowan Method
pc	1039.24	kPa	Joback Method
rinpol	3498.00		NIST Webbook
rinpol	3498.00		NIST Webbook
tb	946.01	K	Joback Method
tc	1158.85	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415247&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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