L-Proline, N-(cyclopropylcarbonyl)-, octyl ester

Inchi: InChI=1S/C17H29NO3/c1-2-3-4-5-6-7-13-21-17(20)15-9-8-12-18(15)16(19)14-10-11-14/l

InchiKey: HTDSBJVANXZVCO-UHFFFAOYSA-N

Formula: C17H29NO3

SMILES: CCCCCCCCOC(=O)C1CCCN1C(=O)C1CC1

Mol. weight [g/mol]: 295.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	3.291		Crippen Method
mcvol	247.660	ml/mol	McGowan Method
rinpol	2295.00		NIST Webbook
rinpol	2295.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346315&Units=SI

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

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.