L-Proline, N-octanoyl-, decyl ester

Inchi: InChI=1S/C23H43NO3/c1-3-5-7-9-10-11-13-15-20-27-23(26)21-17-16-19-24(21)22(25)18
InchiKey: OVXCNRHZIFOENB-UHFFFAOYSA-N
Formula: C23H43NO3
SMILES: CCCCCCCCCCOC(=O)C1CCCN1C(=O)CCCCCCC
Mol. weight [g/mol]: 381.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	6.022		Crippen Method
mcvol	343.060	ml/mol	McGowan Method
rinpol	2818.00		NIST Webbook
rinpol	2818.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346245&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.