L-Proline, N-(1-naphthoyl)-, heptyl ester

Inchi: InChI=1S/C23H29NO3/c1-2-3-4-5-8-17-27-23(26)21-15-10-16-24(21)22(25)20-14-9-12-1
InchiKey: CNYADDUTDQDPME-UHFFFAOYSA-N
Formula: C23H29NO3
SMILES: CCCCCCCOC(=O)C1CCCN1C(=O)c1cccc2ccccc12
Mol. weight [g/mol]: 367.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.47		Crippen Method
logp	4.958		Crippen Method
mcvol	299.840	ml/mol	McGowan Method
rinpol	3067.00		NIST Webbook
rinpol	3067.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346089&Units=SI

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.