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

Inchi: InChI=1S/C19H21NO3/c1-2-13-23-19(22)17-11-6-12-20(17)18(21)16-10-5-8-14-7-3-4-9-
InchiKey: RDPRMBWJAWBBTH-UHFFFAOYSA-N
Formula: C19H21NO3
SMILES: CCCOC(=O)C1CCCN1C(=O)c1cccc2ccccc12
Mol. weight [g/mol]: 311.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.80		Crippen Method
logp	3.398		Crippen Method
mcvol	243.480	ml/mol	McGowan Method
rinpol	2659.00		NIST Webbook
rinpol	2659.00		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=U346083&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.