L-Proline, N-(2,4-difluorobenzoyl)-, pentyl ester

Inchi: InChI=1S/C17H21F2NO3/c1-2-3-4-10-23-17(22)15-6-5-9-20(15)16(21)13-8-7-12(18)11-1

InchiKey: YUIIXKYNLLYEPO-UHFFFAOYSA-N

Formula: C17H21F2NO3

SMILES: CCCCCOC(=O)C1CCCN1C(=O)c1ccc(F)cc1F

Mol. weight [g/mol]: 325.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.50		Crippen Method
logp	3.303		Crippen Method
mcvol	238.300	ml/mol	McGowan Method
rinpol	2219.00		NIST Webbook
rinpol	2219.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346035&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.