

L-Proline, N-(4-fluorobenzoyl)-, pentyl ester

Inchi: InChI=1S/C17H22FNO3/c1-2-3-4-12-22-17(21)15-6-5-11-19(15)16(20)13-7-9-14(18)10-8
InchiKey: VAOXBDCWBDRNLZ-UHFFFAOYSA-N
Formula: C17H22FNO3
SMILES: CCCCCOC(=O)C1CCCN1C(=O)c1ccc(F)cc1
Mol. weight [g/mol]: 307.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	3.164		Crippen Method
mcvol	236.530	ml/mol	McGowan Method
rinpol	2301.00		NIST Webbook
rinpol	2301.00		NIST Webbook

Sources

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=U346124&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/122-529-9/L-Proline-N-4-fluorobenzoyl-pentyl-ester.pdf>

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