

Supplementary Materials for

Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis

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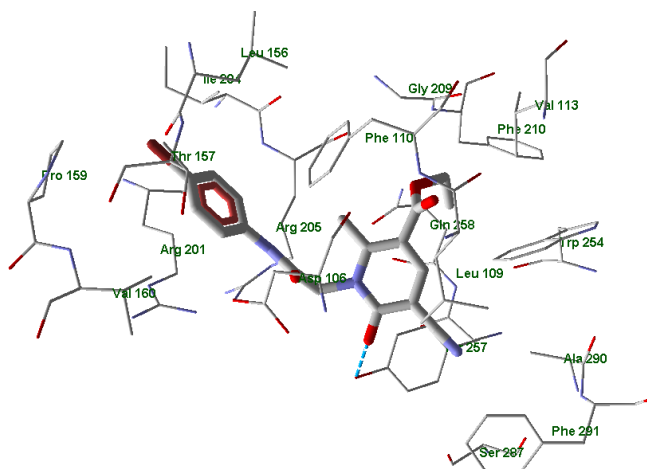
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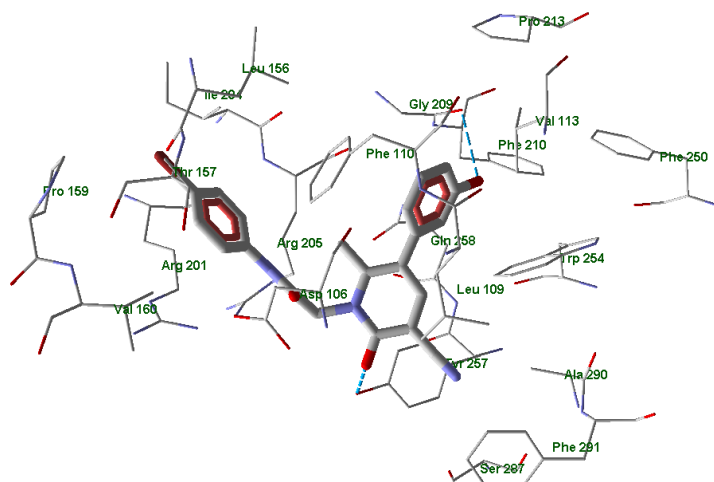
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A)



B)



C)

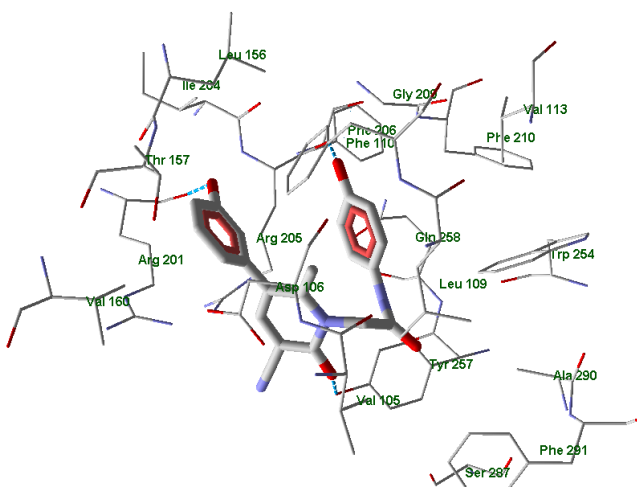


Figure S1. Docking poses of compounds **AMC4** (Panel A), **14a** (Panel B), and **14c** (Panel C) in FPR1 binding site. Residues within 4 Å from each pose are visible. Hydrogen bonds are shown in dashed blue lines. All the compounds are H-bonded to Tyr257 residue. Additionally, compound **14a** forms a hydrogen bond with Gly209, while **14c** is H-bonded to Arg201 and Arg205.

C)

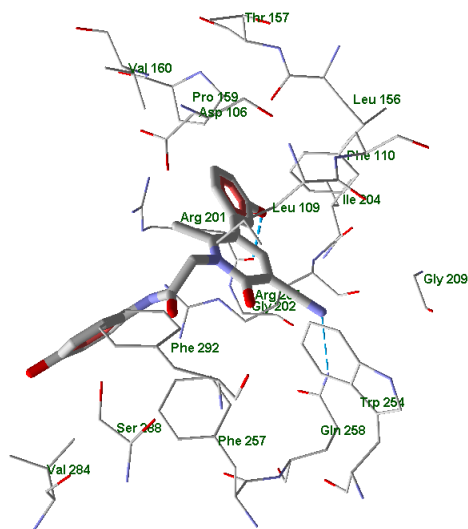


Figure S2. Docking poses of compounds **AMC4** (Panel **A**), **14a** (Panel **B**), and **14c** (Panel **C**) in FPR2 binding site (PDB entry 6OMM). Residues within 4 Å from each pose are visible. Compound **14a** forms hydrogen bonds with His102 and Arg205. Compounds **AMC4** and **14c** are H-bonded to Arg201 residue. Additionally, **AMC4** and **14c** form H-bonds with Asp106 and Gln258, respectively. Hydrogen bonds are shown in dashed blue lines.