

SUPPLEMENTARY MATERIALS

Analytical Characterization and Molecular Interaction Study of Quercetin-Loaded Transferosomes

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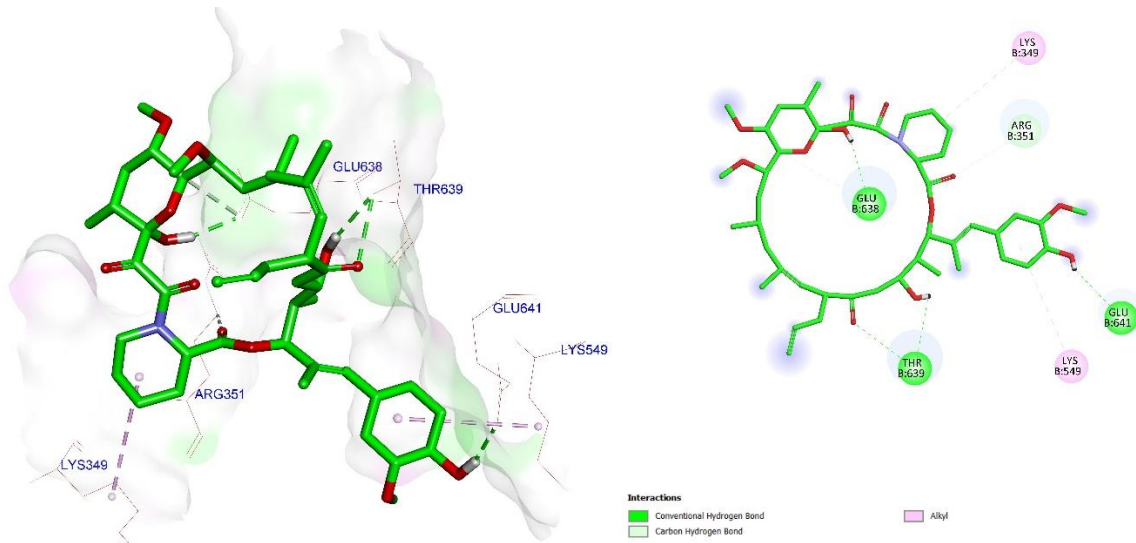


Figure S1. Three-dimensional (3D) and two-dimensional (2D) binding interactions of tacrolimus with NF-κB (PDB ID: 3GUT) obtained from molecular docking analysis.

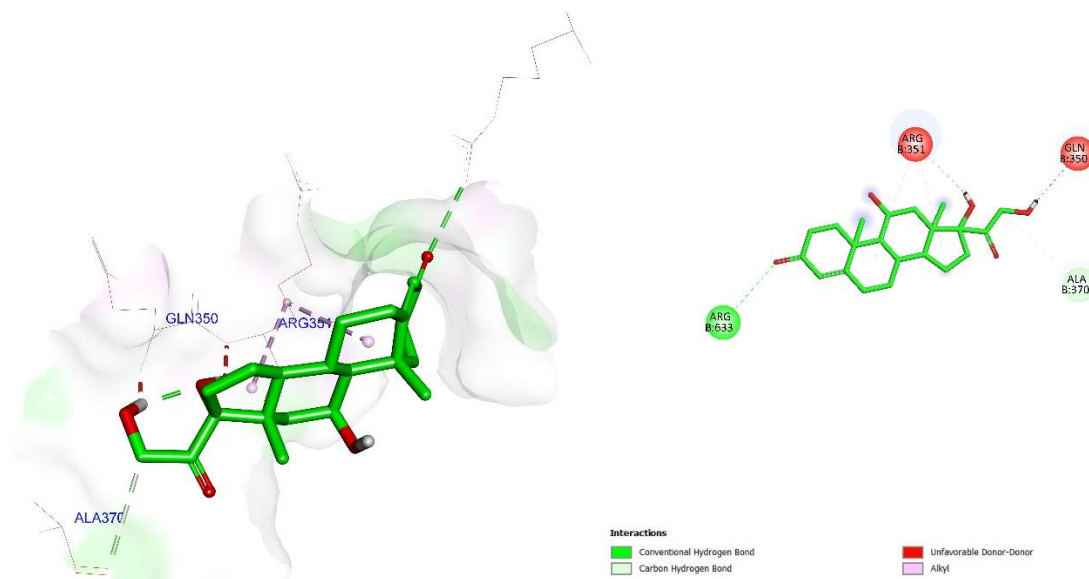


Figure S2. Three-dimensional (3D) and two-dimensional (2D) binding interactions of hydrocortisone with NF-κB (PDB ID: 3GUT) obtained from molecular docking analysis.

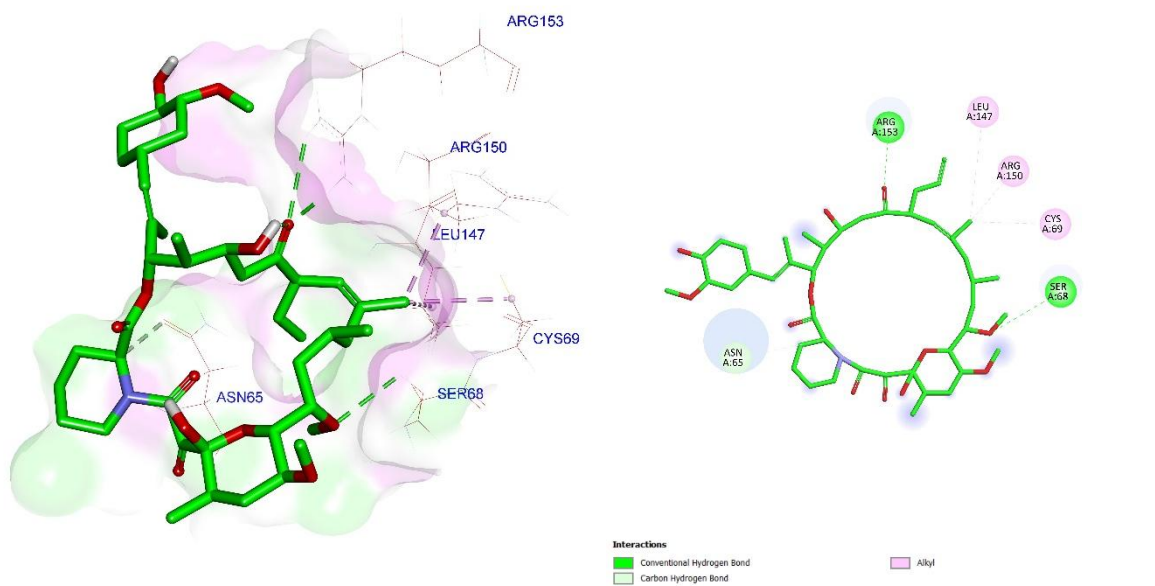


Figure S3. Three-dimensional (3D) and two-dimensional (2D) binding interactions of tacrolimus with TSLP (PDB ID: 5J11) obtained from molecular docking analysis.

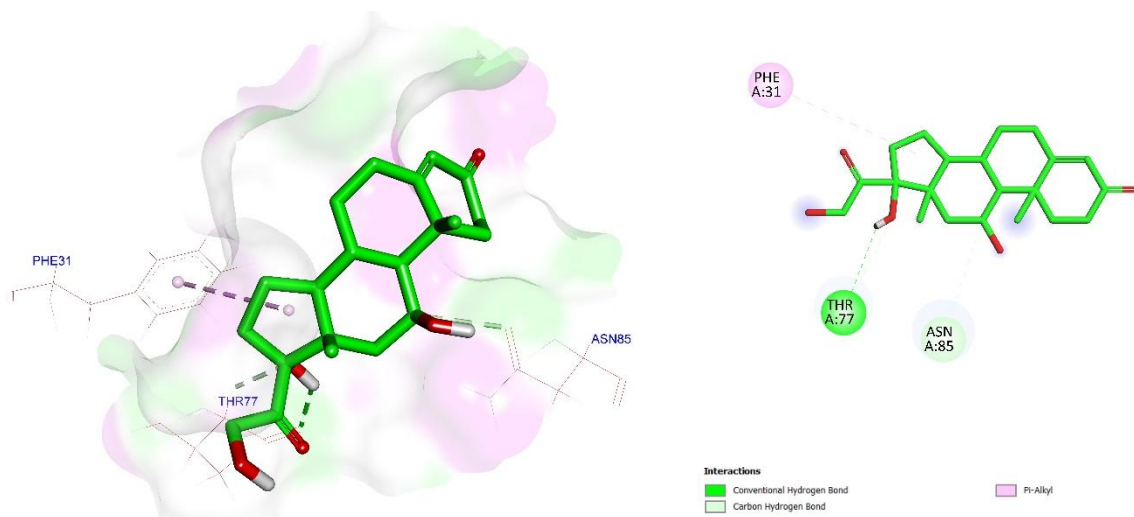


Figure S4. Three-dimensional (3D) and two-dimensional (2D) binding interactions of hydrocortisone with TSLP (PDB ID: 5J11) obtained from molecular docking analysis.

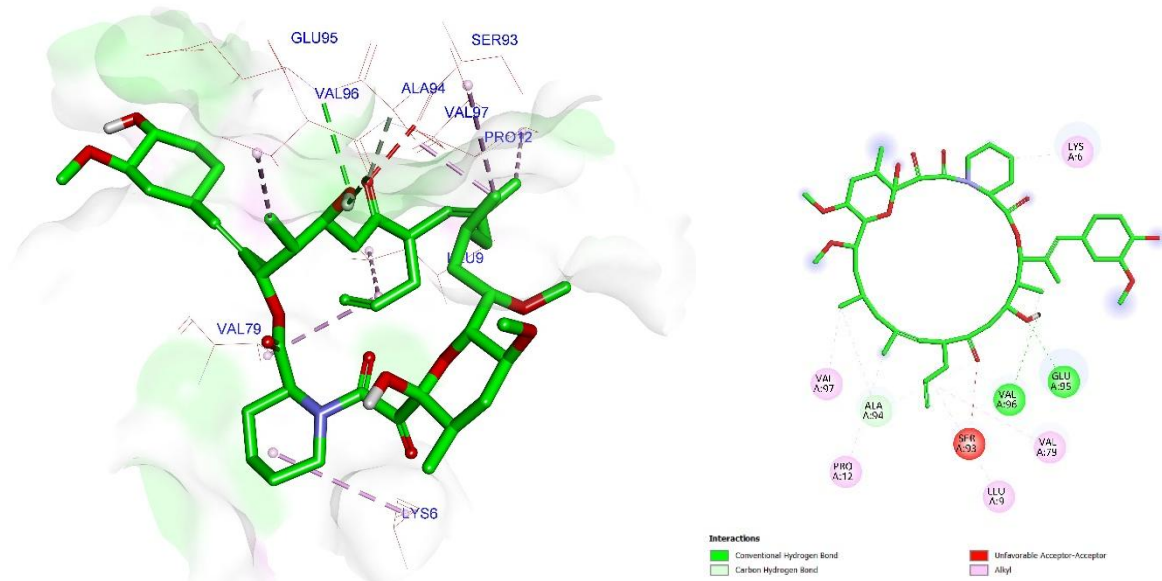


Figure S5. Three-dimensional (3D) and two-dimensional (2D) binding interactions of tacrolimus with FcεRI (PDB ID: 2Y7Q) obtained from molecular docking analysis.

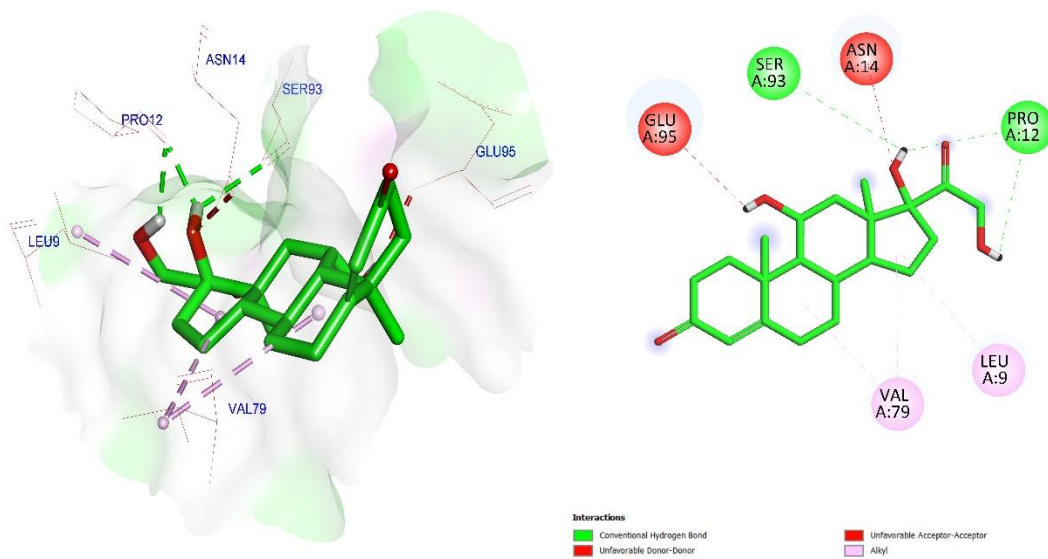


Figure S6. Three-dimensional (3D) and two-dimensional (2D) binding interactions of hydrocortisone with IgE (PDB ID: 2Y7Q) obtained from molecular docking analysis.

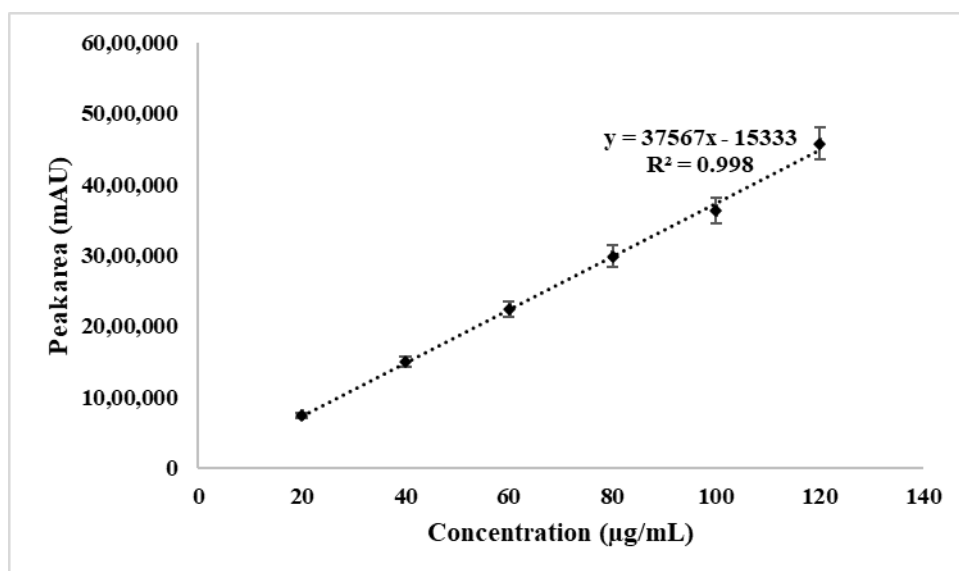


Figure S7: Linearity plot of the analytical method showing correlation between peak area and concentration of the analyte over the selected calibration range