

Supplementary materials

Phytochemical Screening of *Himatanthus sucuuba* (Spruce) Woodson (Apocynaceae) latex, in-vitro cytotoxicity and incision wound repair in mice

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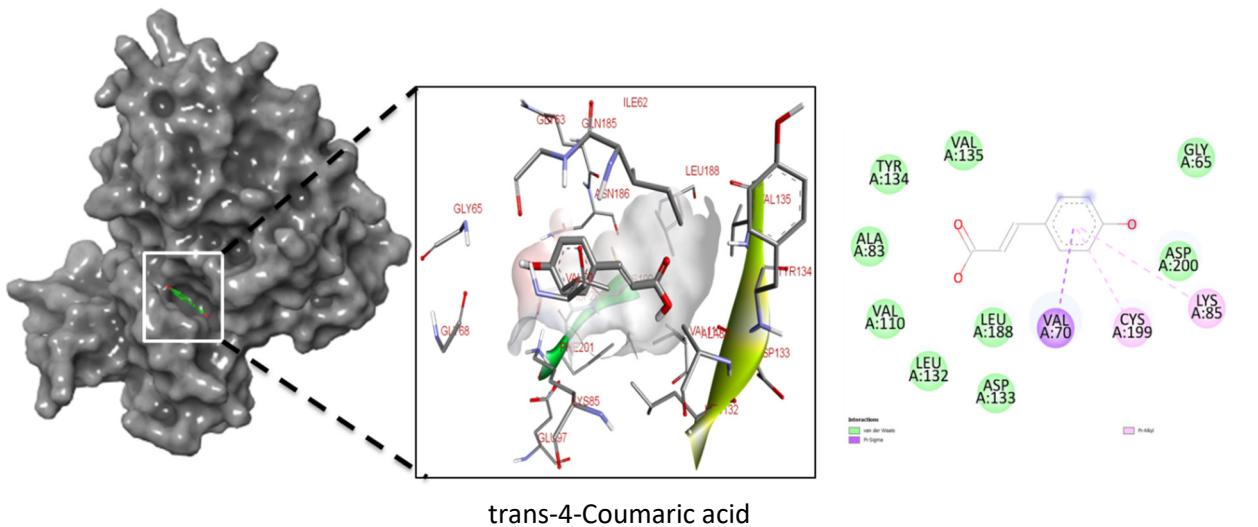
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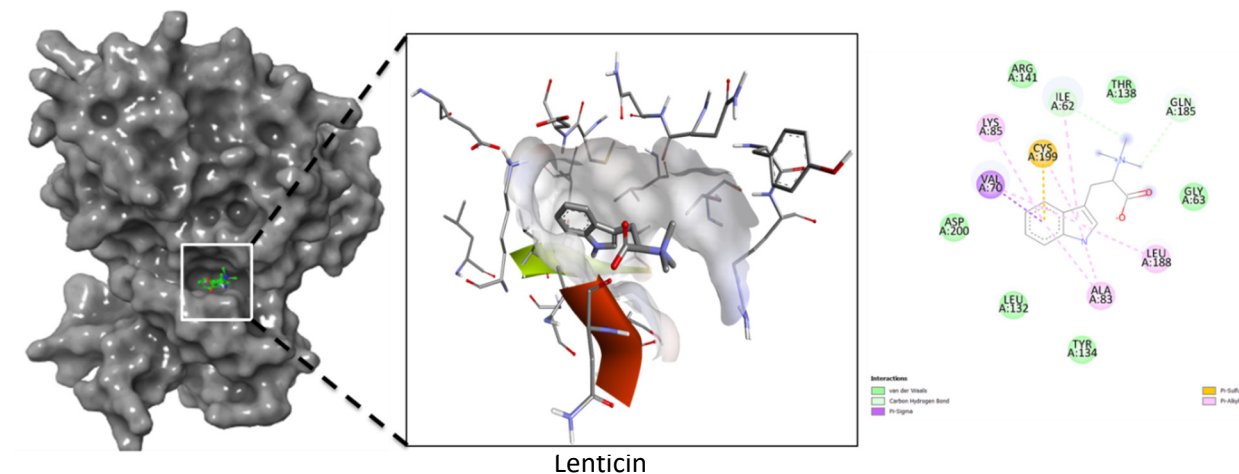
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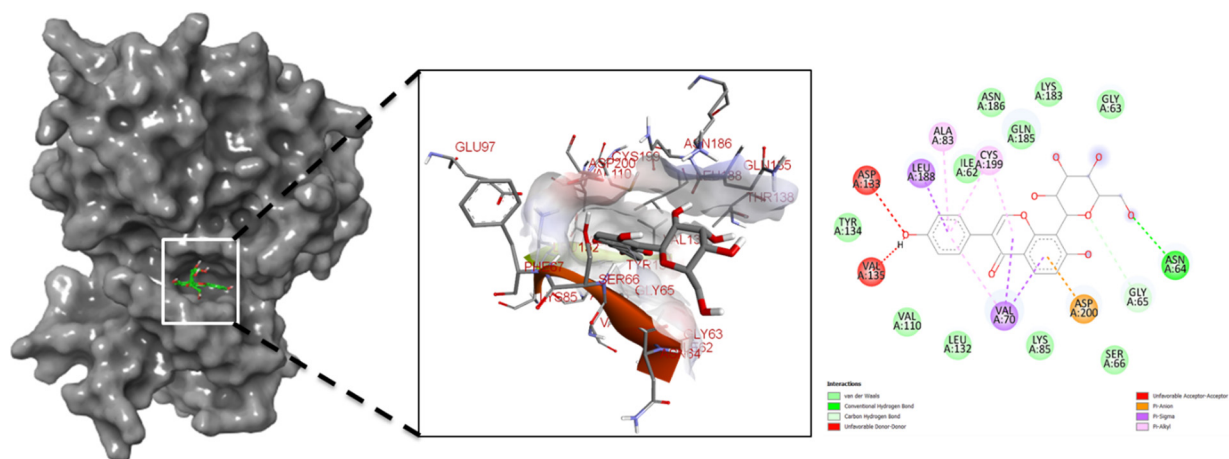
Supplementary figures



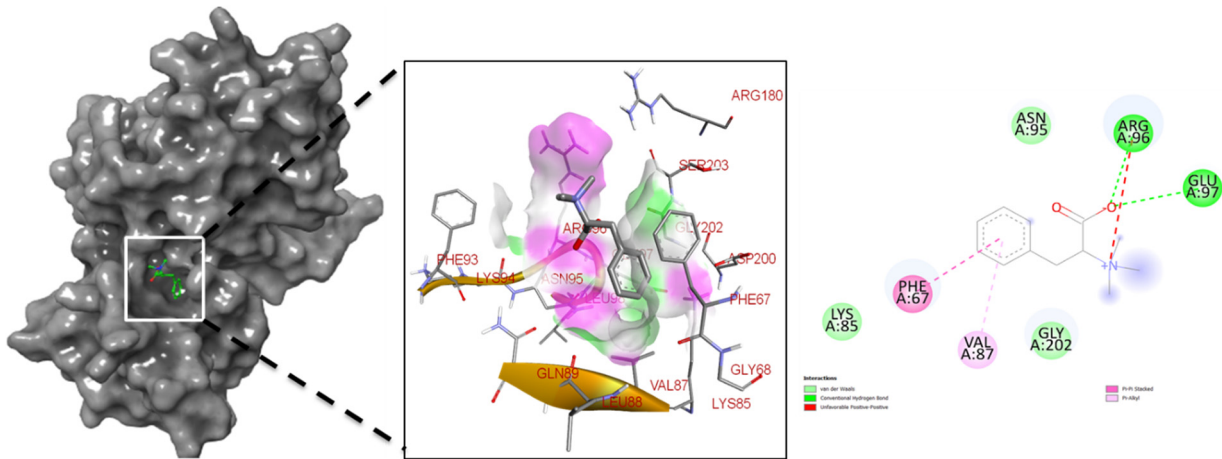
trans-4-Coumaric acid



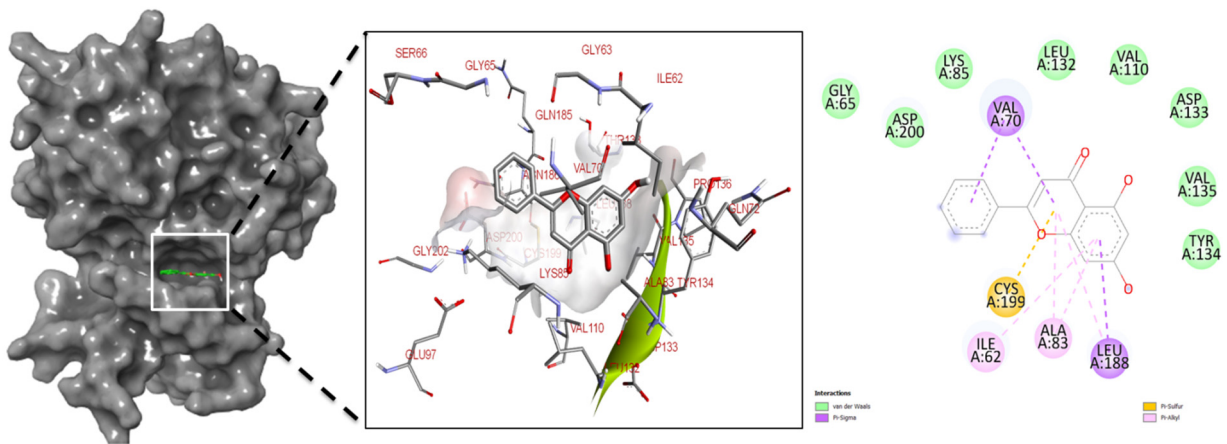
Lenticin



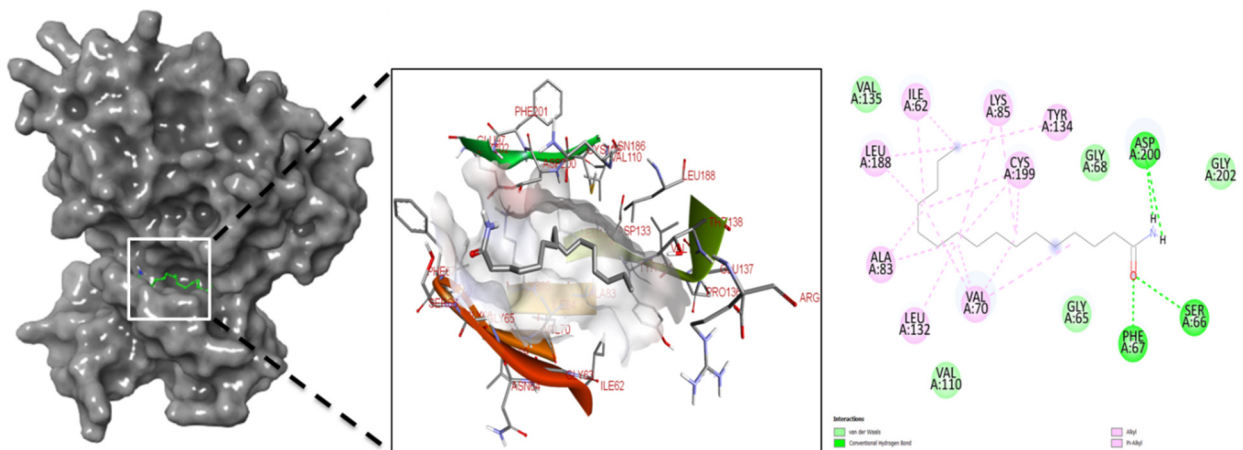
Puerarin



Phenylalanine betaine



Chrysin



Palmitamide

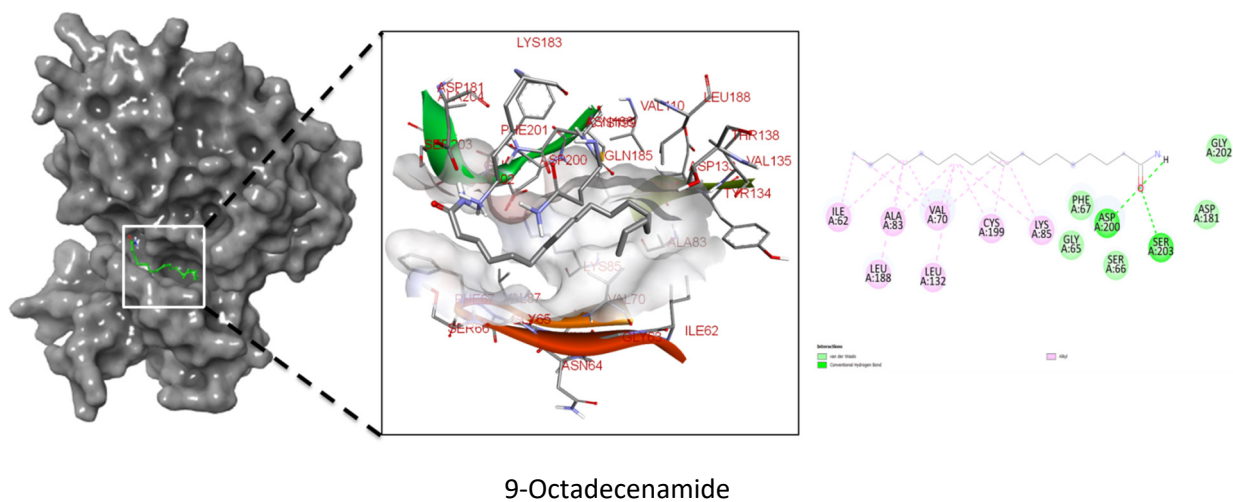
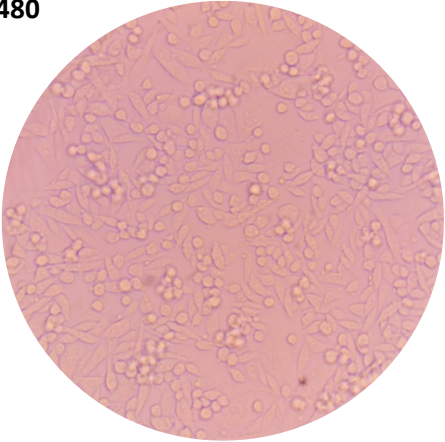
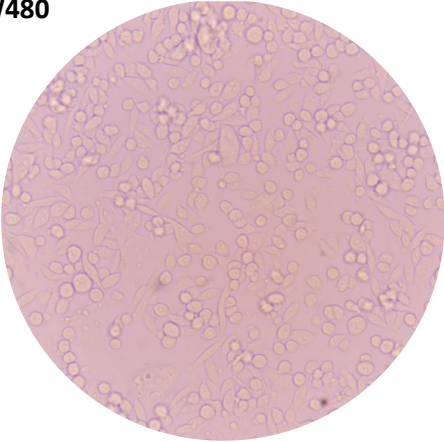
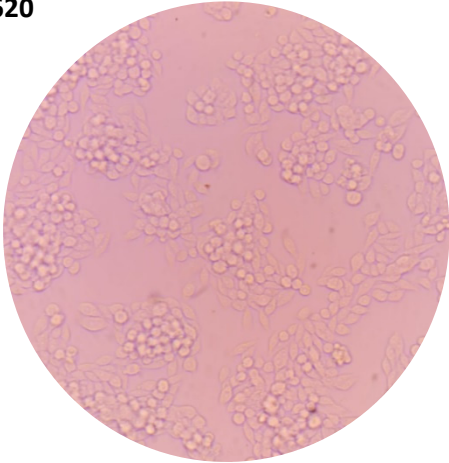
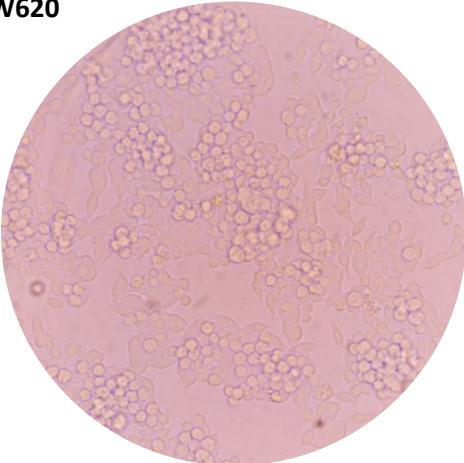
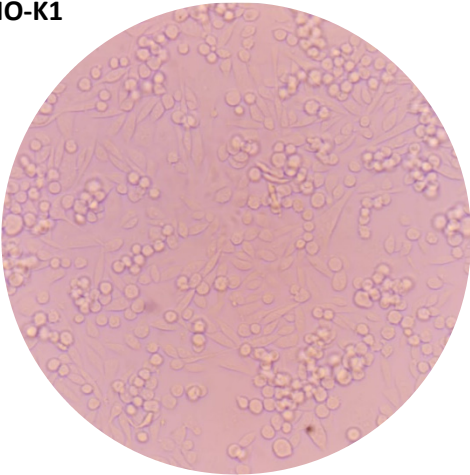
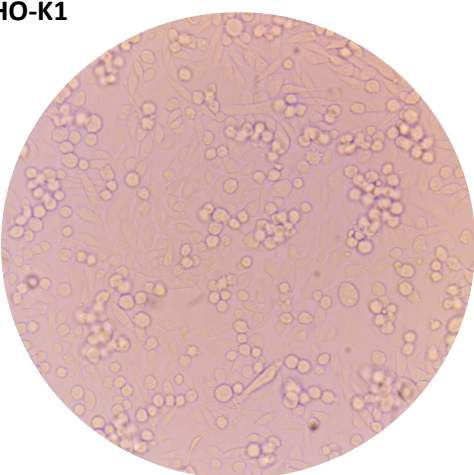


Figure S1. Molecular interactions studies of the phytochemical constituents of *H. sucuuba* latex with the Glycogen synthase kinase 3-β (PDB IDs: 1Q5K), surface view (Left panel) and 2D (Right panel) interactions.

Table S1. Representative images of SW480, SW620 and CHO-K1 cells 48 h after treatment with 1% DMSO (Magnification: 40x).

UNTREATED CELLS	CELLS WITH DMSO (1%)
<div>SW480</div>  <p>A circular micrograph showing a dense monolayer of SW480 cells. The cells are epithelial in morphology, with many cells exhibiting rounded, polygonal shapes and some showing small, dark, rounded structures (possibly nuclei or vesicles) within the cytoplasm. The overall color is a light pinkish-purple.</p>	<div>SW480</div>  <p>A circular micrograph showing a dense monolayer of SW480 cells treated with 1% DMSO. The morphology is similar to the untreated cells, with a high density of cells and some rounded shapes. The color is a light pinkish-purple.</p>
<div>SW620</div>  <p>A circular micrograph showing a dense monolayer of SW620 cells. The cells are epithelial, with many cells showing rounded shapes and some containing dark, rounded structures. The overall color is a light pinkish-purple.</p>	<div>SW620</div>  <p>A circular micrograph showing a dense monolayer of SW620 cells treated with 1% DMSO. The morphology is similar to the untreated cells, with a high density of cells and some rounded shapes. The color is a light pinkish-purple.</p>
<div>CHO-K1</div>  <p>A circular micrograph showing a dense monolayer of CHO-K1 cells. The cells are epithelial, with many cells showing rounded shapes and some containing dark, rounded structures. The overall color is a light pinkish-purple.</p>	<div>CHO-K1</div>  <p>A circular micrograph showing a dense monolayer of CHO-K1 cells treated with 1% DMSO. The morphology is similar to the untreated cells, with a high density of cells and some rounded shapes. The color is a light pinkish-purple.</p>