

## **Combinatorial Delivery of CPI444 and Vatalanib Loaded on PEGylated Graphene Oxide as an Effective Nanoformulation to Target Glioblastoma Multiforme: In vitro Evaluation**

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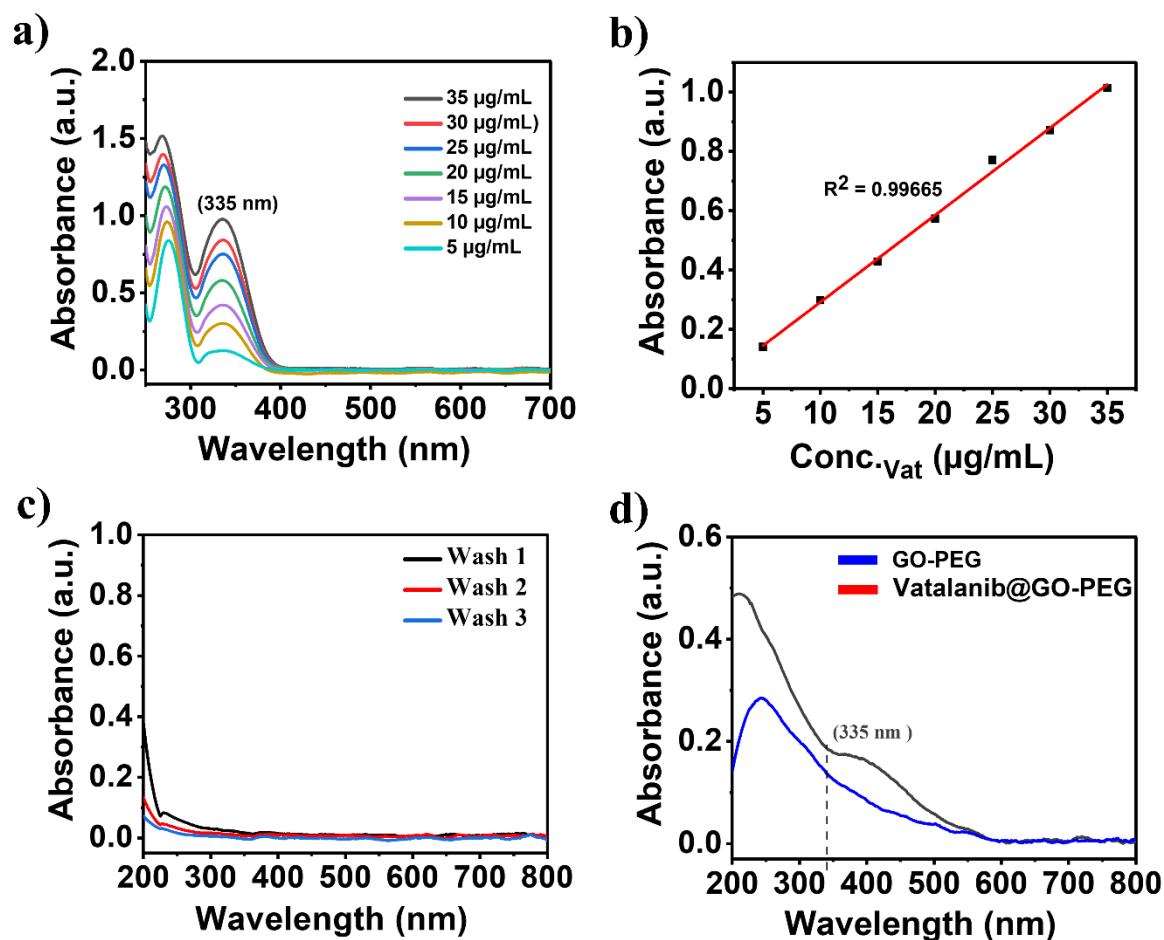
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**Figure S1. Quantitative and qualitative analysis for formation of Vatalanib@GO-PEG using UV-vis. spectroscopy: (a)** UV-vis. spectra of Vatalanib solution recorded at different concentrations in (water: THF) solvent mixture, **(b)** Linear equation obtained from standard curve at wavelength maximum at 335 nm, **(c)** UV-vis. spectra recorded for unbound Vatalanib, **(d)** UV-vis. spectra for GO-PEG and purified Vatalanib@GO-PEG.

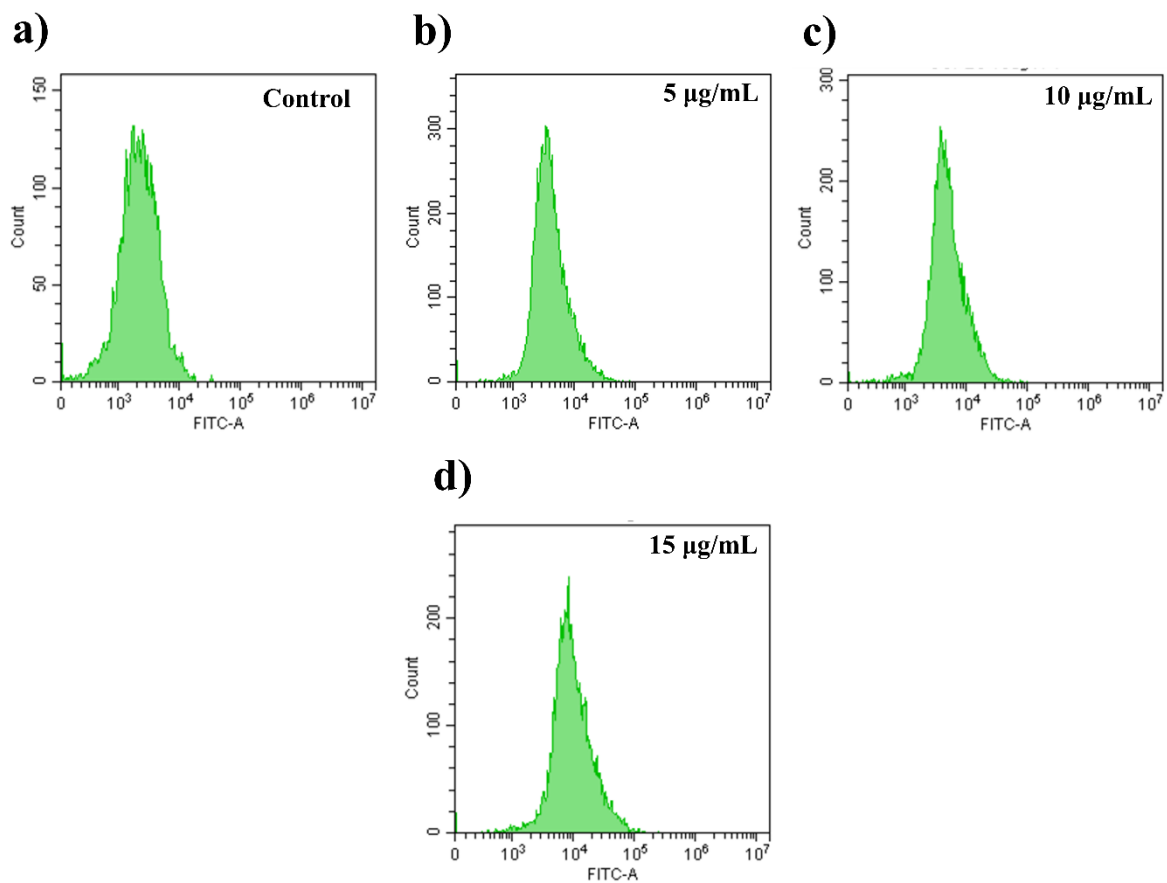
**Figure S2.** Cellular uptake of PEGylated Graphene Oxide Nanoparticles was confirmed and validated by FACS study.

**Figure S3.** Intracellular calcium ions determined by FACS analysis.

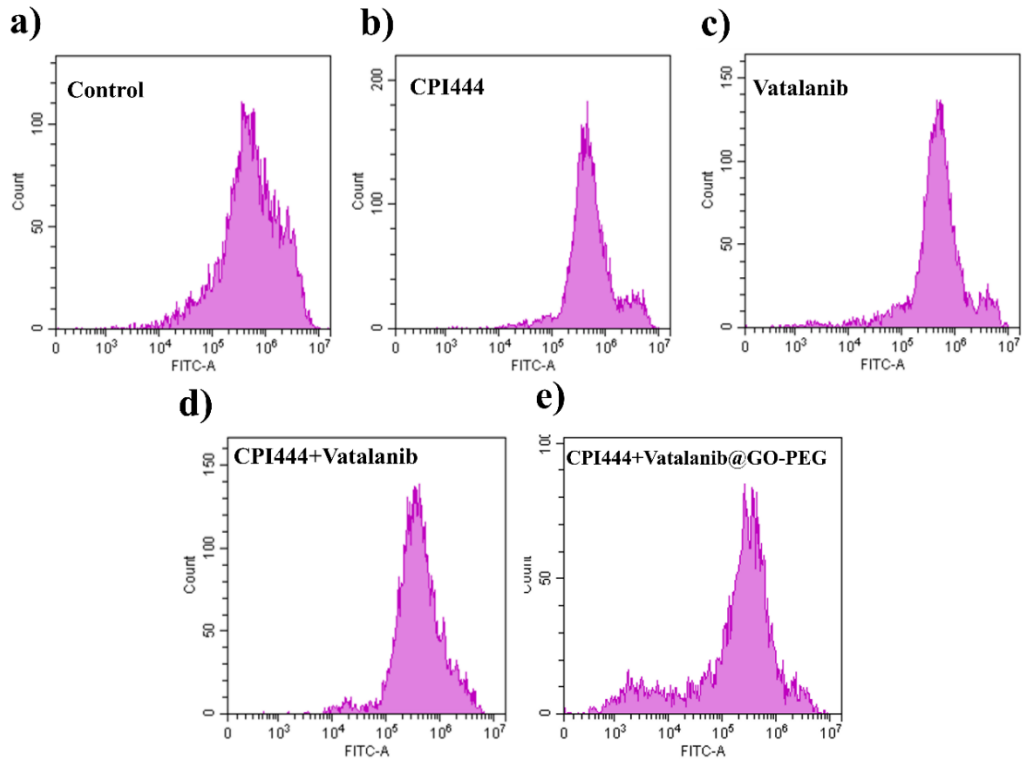
**Figure S4.** CD24 expression analysis in GBM cells by FACS.



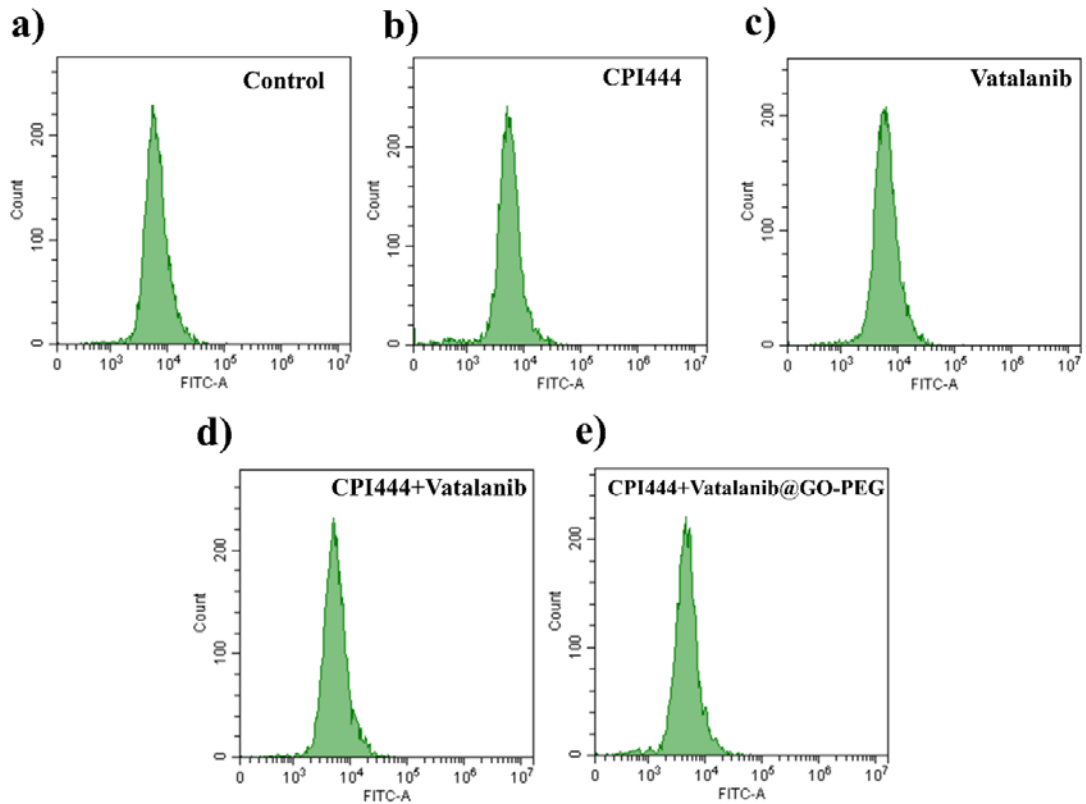
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