

Supporting information

Fig. S1 The UV-Vis spectra of the complexes **1-4** in DMF (a), DMSO (b), CH₃CH₂OH (c), CH₃OH (d) and CH₃CN (e) at room temperature.

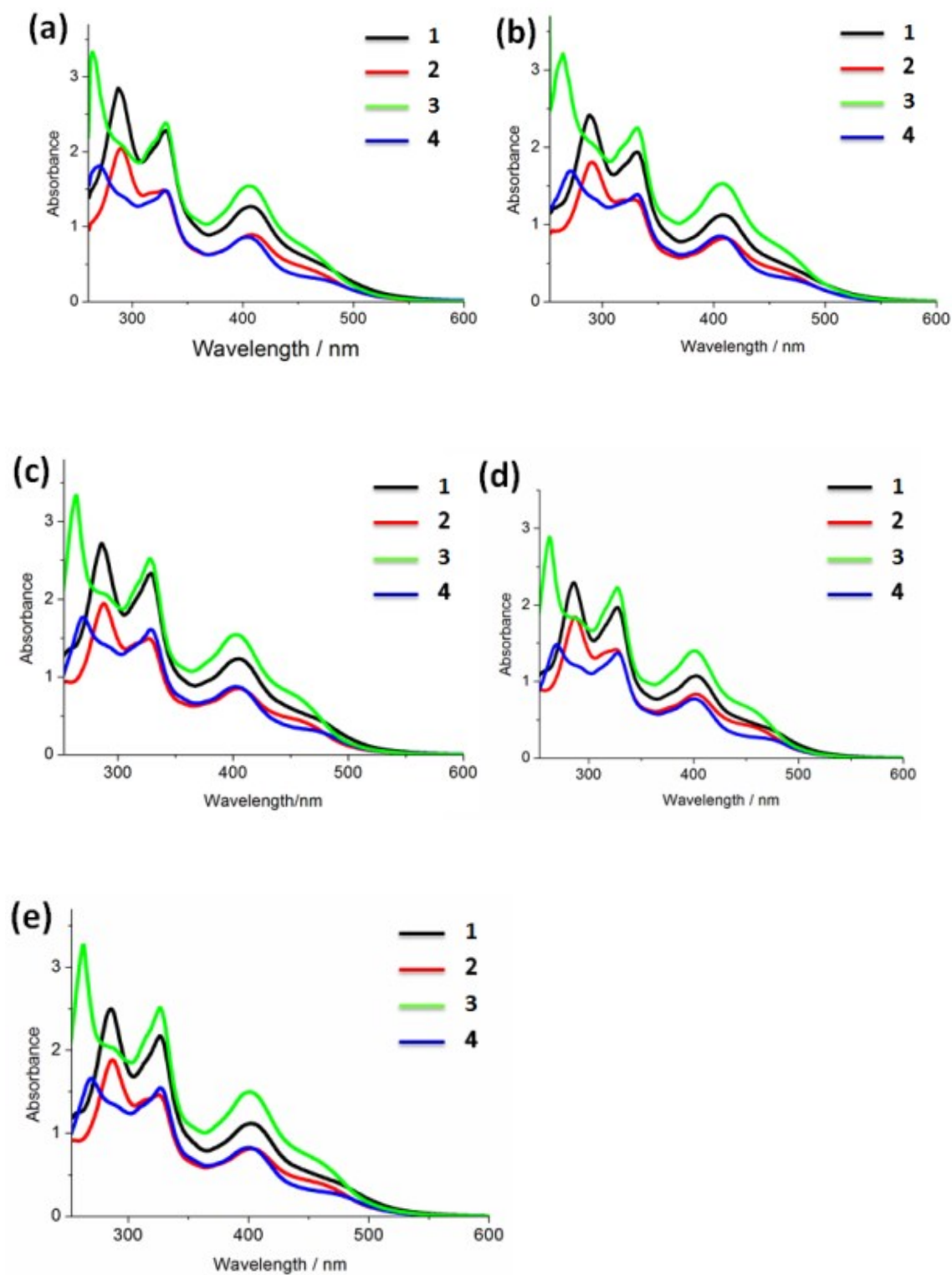


Fig. S2 Apoptosis of A549 cells (a) exposure to 3.13 and 6.25 μM of complexes **1** (b and c), **2** (d and e), **3** (f and g) and **4** (h and l) for 24 h. L, N and A stand for living, necrotic and apoptotic cells.

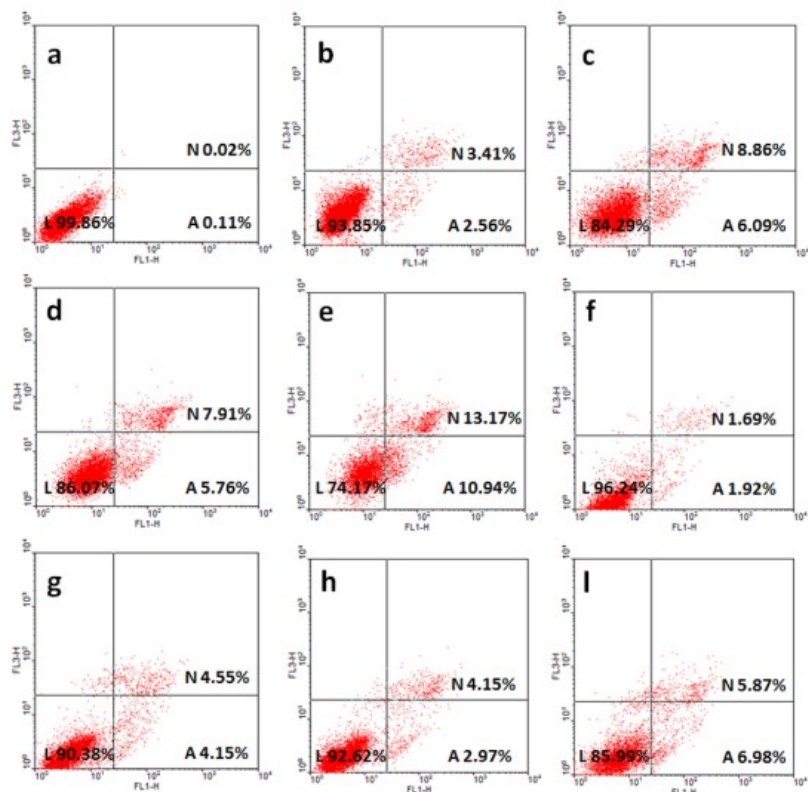


Fig. S2

Fig.S3 Images of A549 cells exposure to 3.13 μM of complexes **1-4** and stained with DAPI at 37 $^{\circ}\text{C}$ for 24 h.

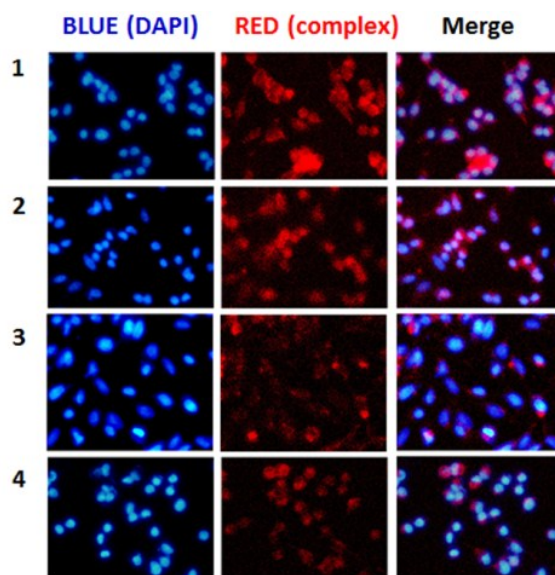


Fig. S3

Fig. S4 The absorption spectra of BSA in the absence and presence of different concentration of complexes **1** (a), **2** (b), **3** (c) and **4** (d). Arrow shows the absorbance changing upon the increase of complexes concentration.

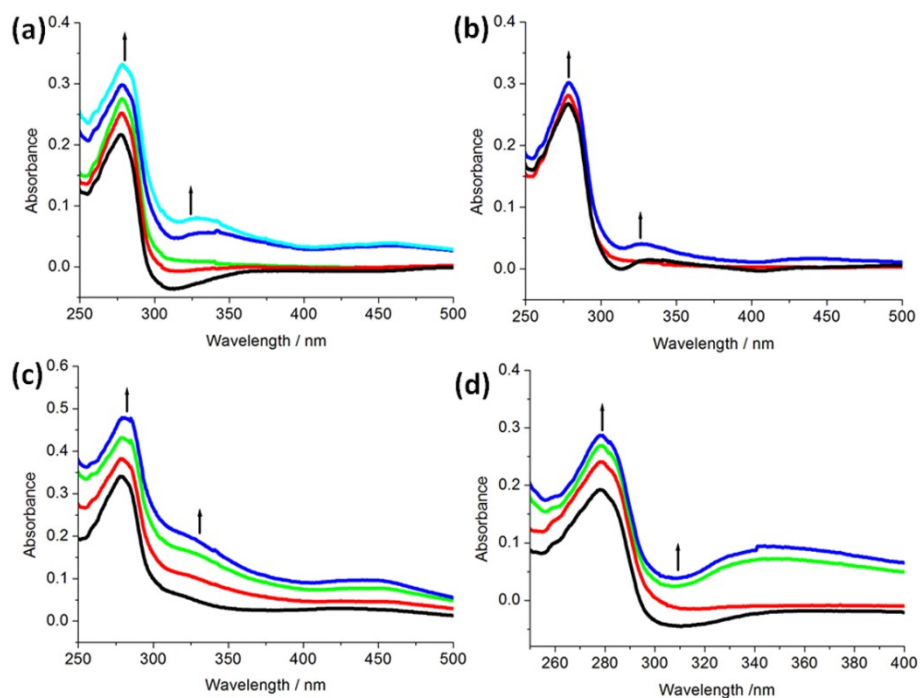


Fig. S4