

Supplementary Materials

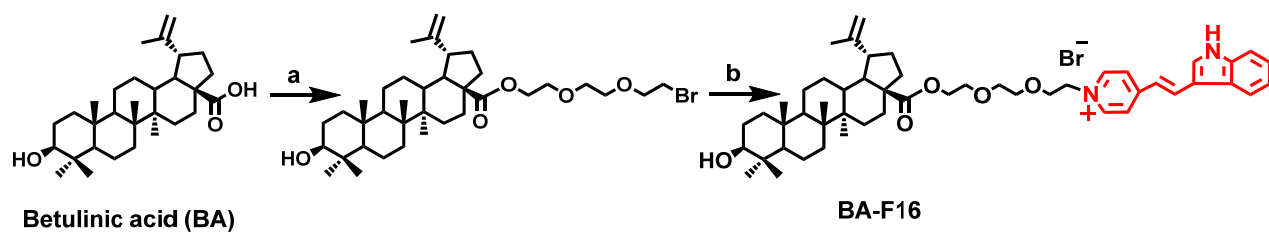


Figure S1. Synthesis of conjugate **BA-F16**. Reagents and conditions: **a** tri(ethylene glycol) dibromide, K_2CO_3 , DMF, 50 °C, 2h; **b** (E)-4-(2-(1H-indol-3-yl)vinyl)pyridine, DMF, 85 °C, Ar, 12 h.

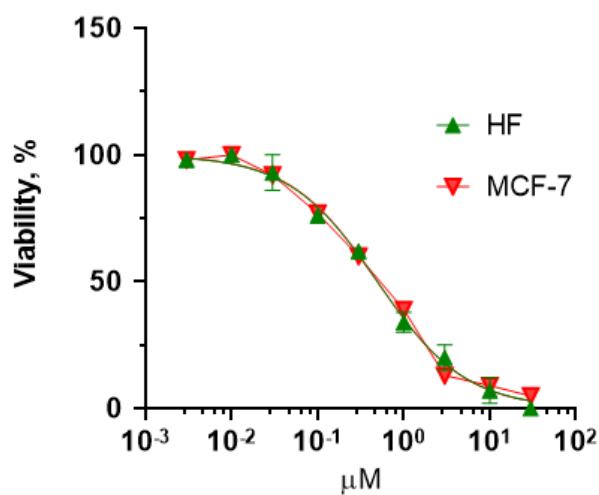
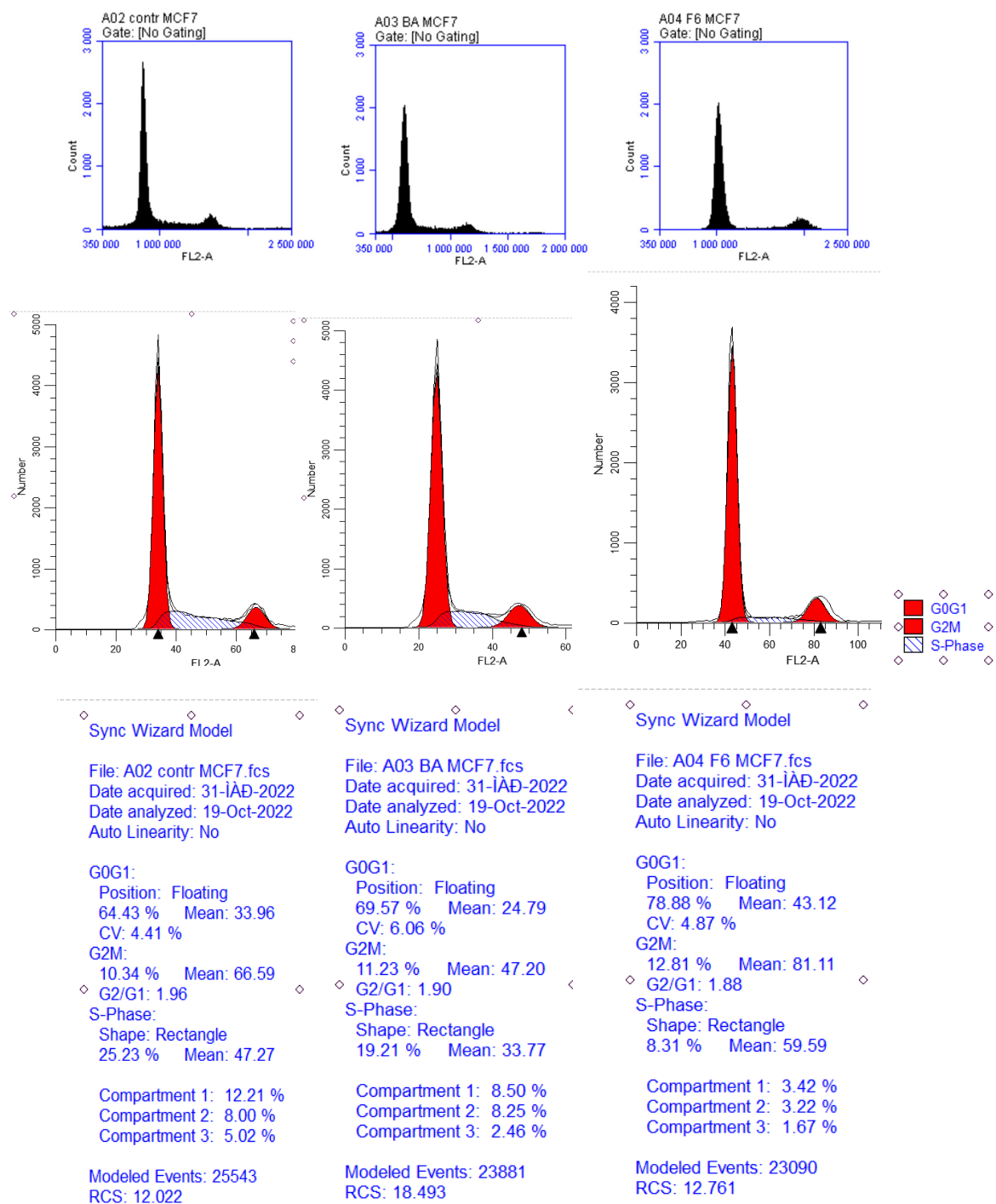


Figure S2. Viability of MCF-7 and HF cells after 48 hours treatment with doxorubicin. Cytotoxicity was assessed 48 h after the addition of substances by crystal violet indicator. Data (mean \pm SEM) of 4 independent experiments are shown.



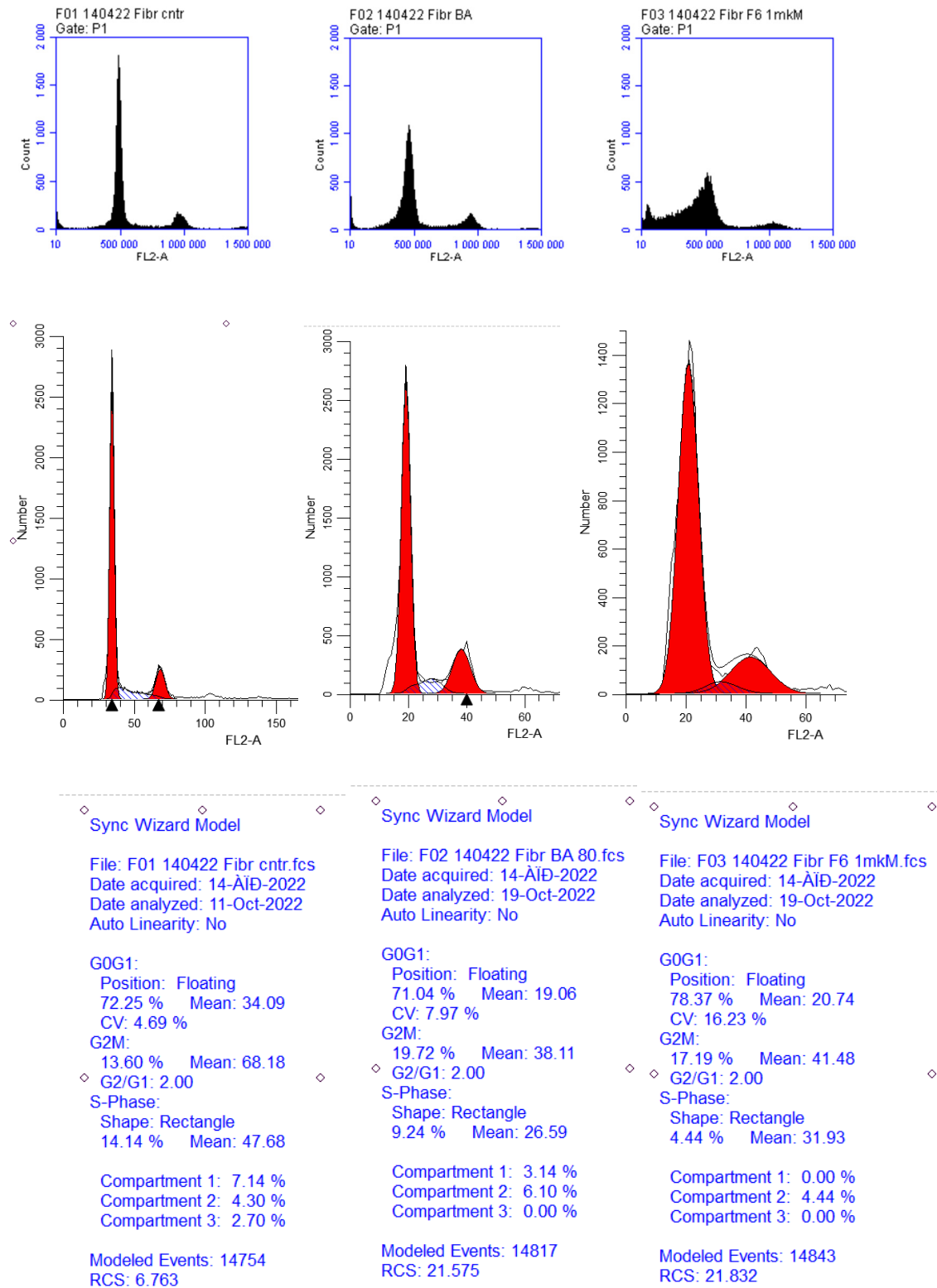


Figure S4. HF cell cycle analysis after 24-h incubation with BA (5 μ M) and BA-F16 (1 μ M). Results shown are one of three independent experiments conducted. Upper panel – representative figures of cell cycle distribution (G0/G1, S, and G2/M). Bottom panel – results of cell cycle distribution evaluated using ModFit LT 4.1 software. In the figure, the designation F6 corresponds to the BA-F16 conjugate.