Supplementary Materials: Cytotoxicity of 9,10-Phenanthrenequinone Impairs Mitotic Progression and Spindle Assembly Independent of ROS Production in HeLa Cells

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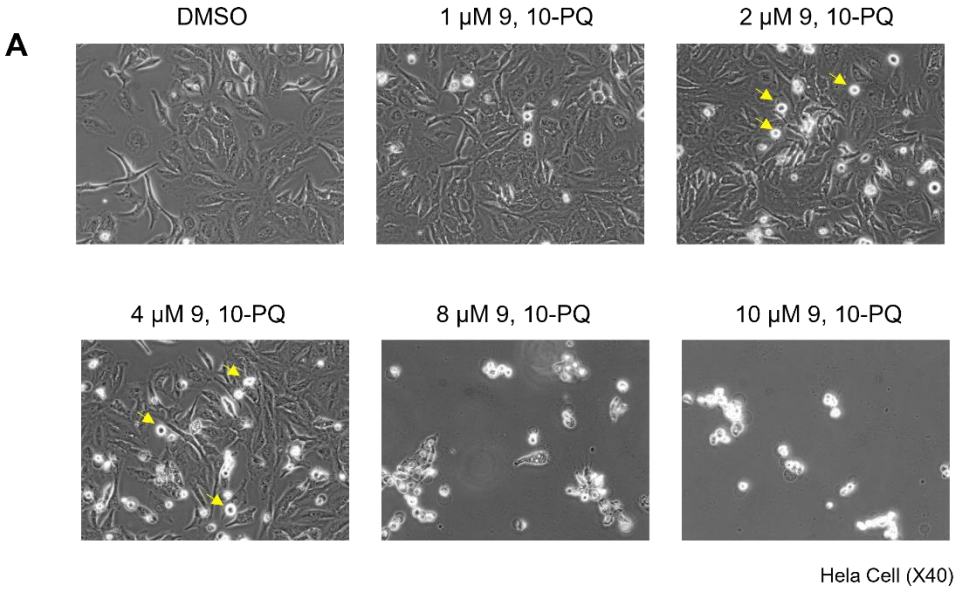

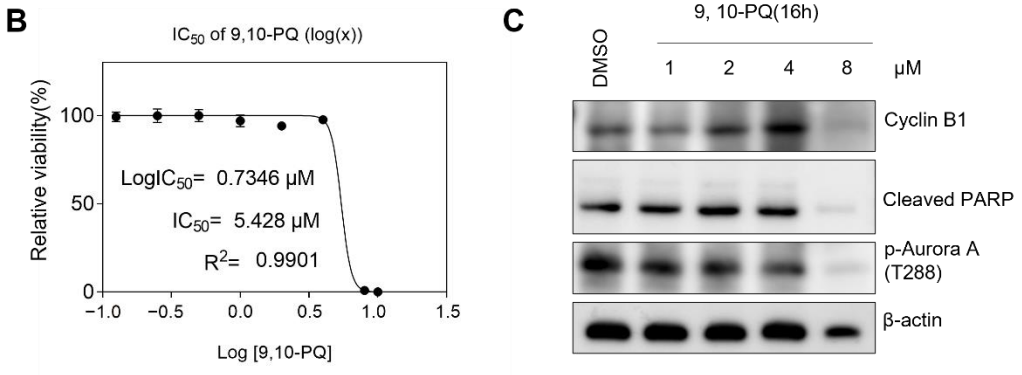

Figure S1. 9,10-PQ induced mitotic arrest and reduced viability in Hela cells. (**A**) HeLa cells incubated with DMSO, or 1, 2, 4, 8, or 10 μM 9,10-PQ for up to 24h. Cell morphology was observed by optical microscopy (× 40 magnification). Yellow arrows indicate rounded cells in mitosis. (**B**) HeLa cells were treated with 0.125, 0.250, 0.5, 1, 2, 4, 8, and 10 μM 9,10-PQ for 24h, and a cell viability assay was conducted. Data are shown as mean ± SEM from at least three independent experiments (n = 9) *** $p<0.0001$. (**C**) HeLa cells incubated with DMSO, or 1, 2, 4, or 8 μM 9,10-PQ for up to 24h. The cells were harvested and analyzed by immunoblotting with cyclin B1, cleaved-PARP, p-Aurora A, and β-actin antibodies.