

Figure S1. Morphology of Hep-2 cells cultured in normal growth medium for 72 hours following staining with 0 (A), 1.25 (B), 2.5 (C), 3.75 (D) and 5 (E) µg/ml H342. The cell morphologies shown were representative of three independent experiments with similar findings (original magnification ×200).

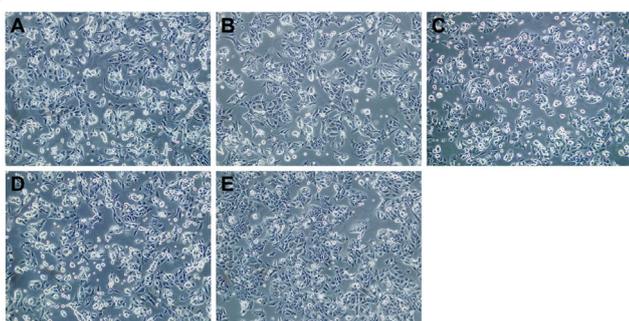


Figure S2. Morphology of HCCLM3 cells cultured in normal growth medium for 72 hours following staining with 0 (A), 5 (B), 10 (C), 15 (D) and 20 (E) µg/ml H342. The cell morphologies shown were representative of three independent experiments with similar findings (original magnification ×200).

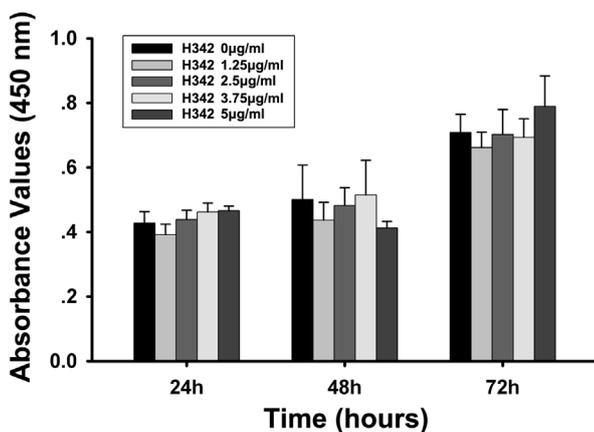


Figure S3. CCK-8 assay for Hep-2 cells cultured in normal growth medium for 24, 48 and 72 hours following staining with indicated concentrations of H342. Data were expressed as mean ± SEM and representative of an average of three independent experiments.

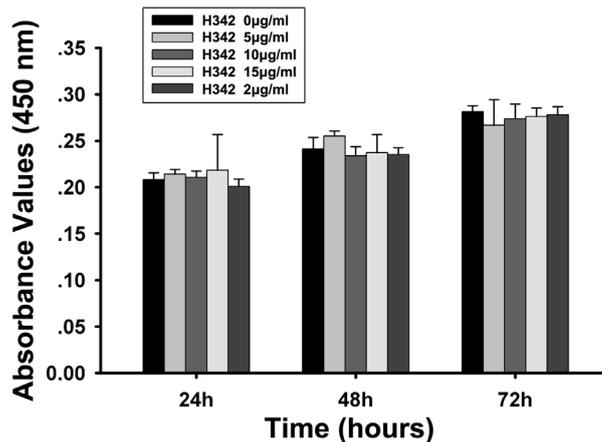


Figure S4. CCK-8 assay for HCCLM3 cells cultured in normal growth medium for 24, 48 and 72 hours following staining with indicated concentrations of H342. Data were expressed as mean ± SEM and representative of an average of three independent experiments.

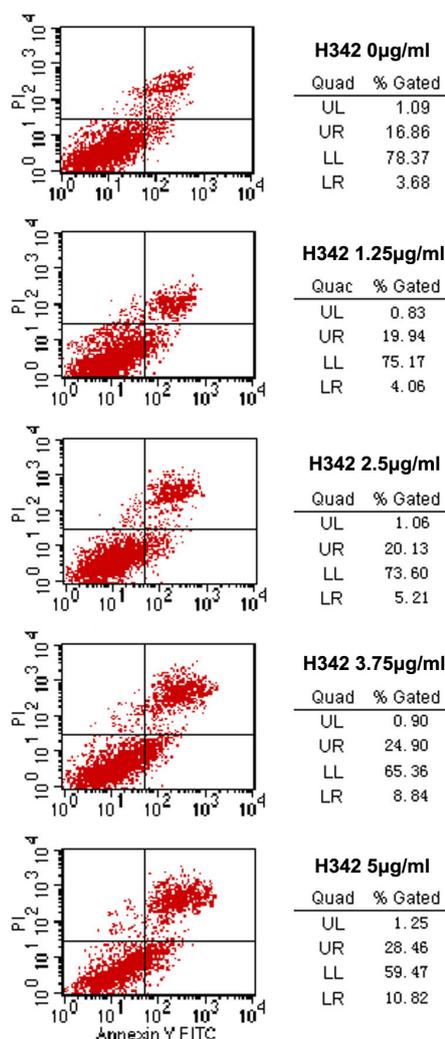


Figure S5. Annexin V-FITC/PI staining FCM analysis of cell death and apoptosis. SK-N-SH cells were treated with 0, 1.25, 2.5, 3.75 and 5 µg/ml H342 for 60 minutes and then stained with Annexin V-FITC/PI to analyze dead and apoptotic cell populations. Cells in the upper right quadrant represented death and in the lower right quadrant represented apoptosis. The dose-dependent death and apoptosis induced by H342 were observed. Data were representative of one of three similar experiments.

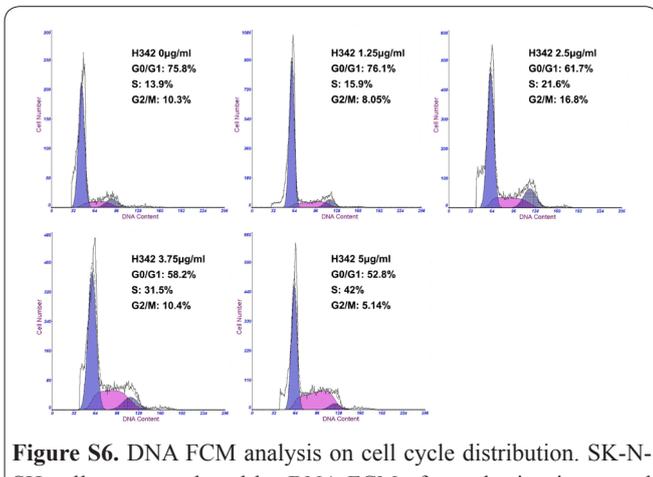


Figure S6. DNA FCM analysis on cell cycle distribution. SK-N-SH cells were analyzed by DNA FCM after culturing in normal growth medium for 72 hours following staining with indicated concentrations of H342. H342 concentration-dependent cell population increase in S-phase was observed. The values indicate the percentage of cells in the indicated phases of the cell cycle. The data shown were representative of three independent experiments with similar findings.