

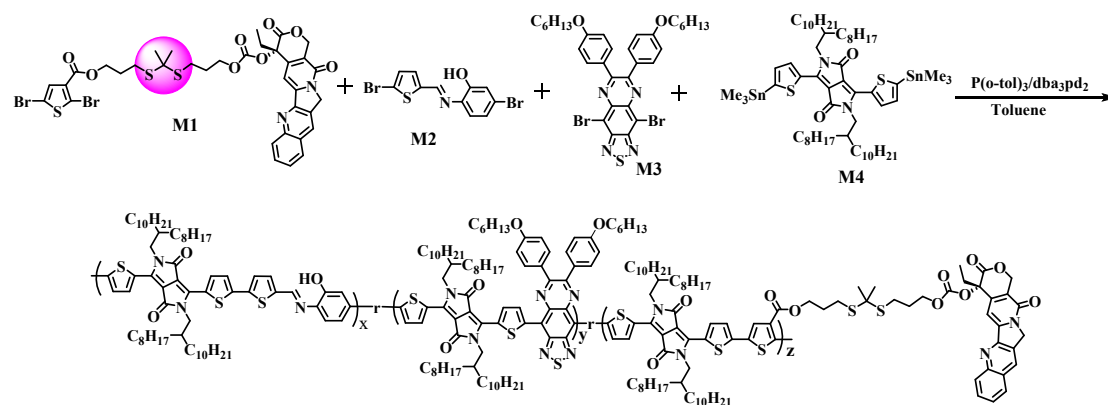


Fig. S1 The synthetic route of PSP/CPT

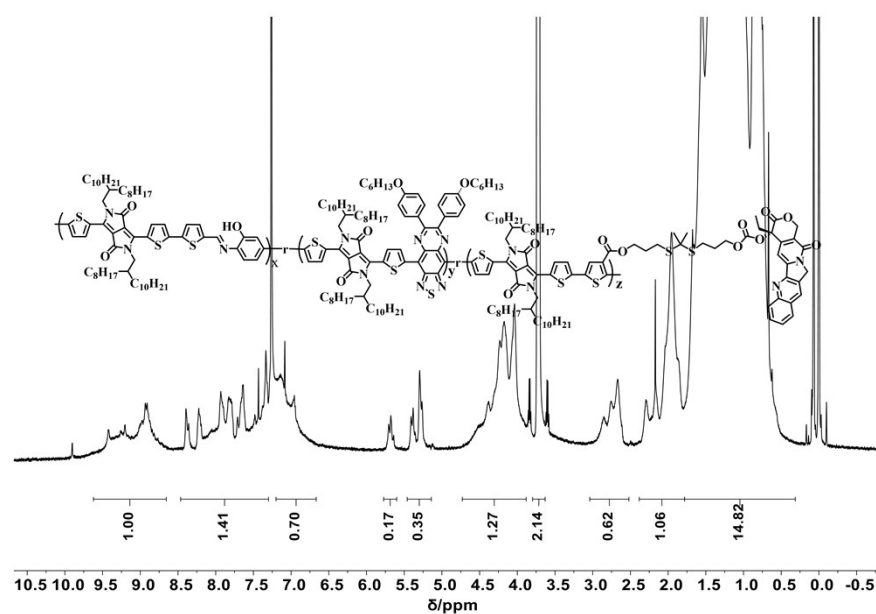


Fig. S2 1H NMR spectrum of PSP/CPT

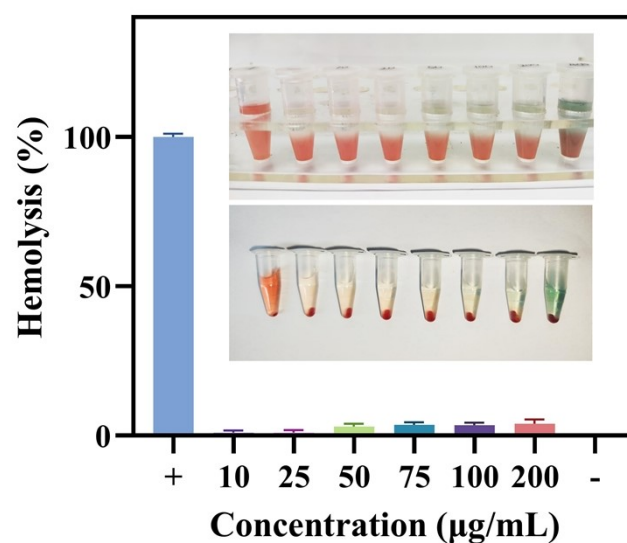


Fig. S3 The hemolysis rate of red blood cells (pH = 7.4) after different concentrations of SPN solution were incubated with red blood cells. Data were shown as mean $\pm$ standard deviation (n = 3).

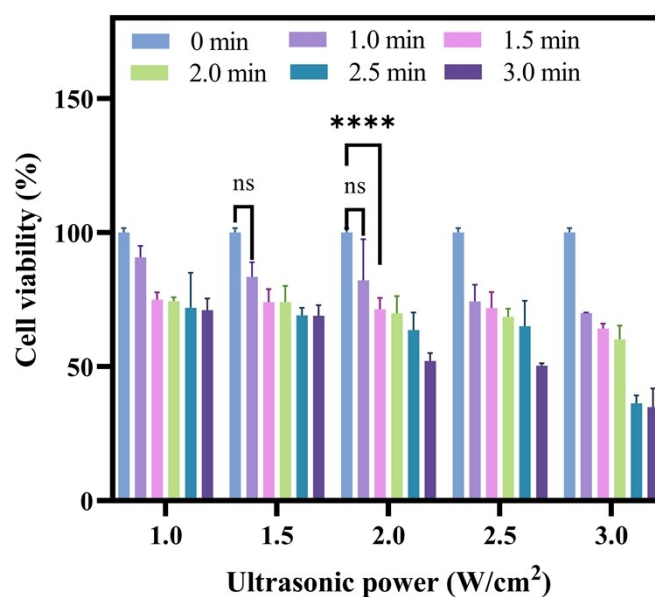


Fig. S4 Cell viability at different ultrasonic condition. Data were shown as mean $\pm$ standard deviation (n = 3).

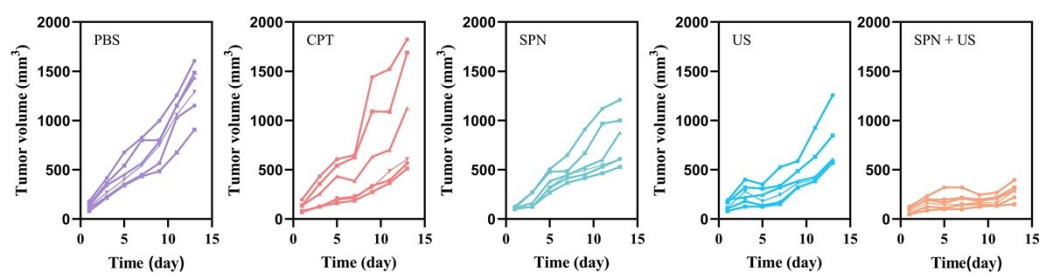


Fig. S5 Each group's changes in tumor volume, from left to right was PBS, CPT, SPN, US, SPN+US group.

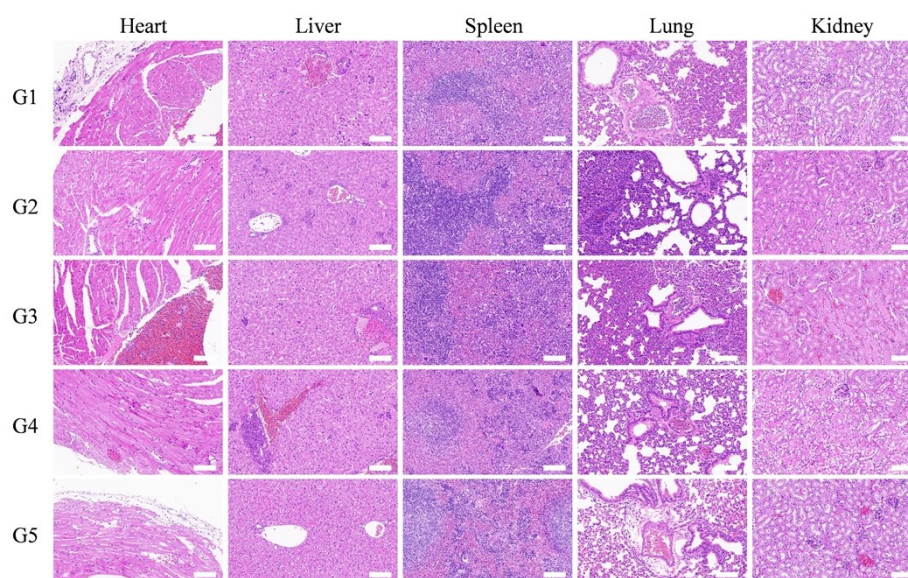


Fig. S6 H&E staining plots of major organs (heart, liver, spleen, lung and kidney) after different treatments in each group of hormonal mice (G1: PBS, G2: CPT, G3: SPN, G4: US, G5: SPN+US, scale bar = 100 μ m).

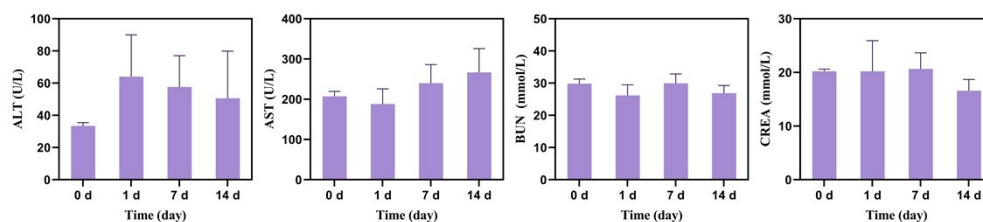


Fig. S7 Blood biochemical indexes in liver and spleen. Data were shown as mean $\pm$ standard deviation (n = 3).