

Enhanced Photo/Chemo Combination Efficiency against Bladder Tumor by Encapsulation of DOX and ZnPC into *in situ*-Formed Thermo-Sensitive Polymer Hydrogel

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Supporting Information

Table of Contents

Figure S1. Chemical structure of tri-block copolymer PCL-PTSUO-PEG	3
Figure S2. ¹ H NMR characterization of tri-block copolymer PCL-PTSUO-PEG.....	3
Figure S3. The viscosity changes of TNP solution with temperature.....	3
Figure S4. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC ^{GEL}	4
Figure S5. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC ^{GEL} after drug release study for 20 days.....	4
Figure S6. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC ^{GEL} after laser treatment.....	5
Figure S7. In vivo 5637 cells xenograft inhibition analysis.....	5

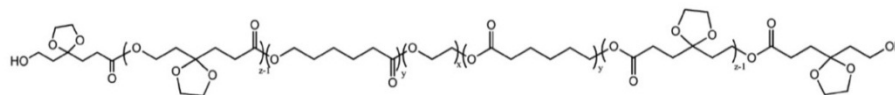


Figure S1. Chemical structure of tri-block copolymer PCL-PTSUO-PEG.

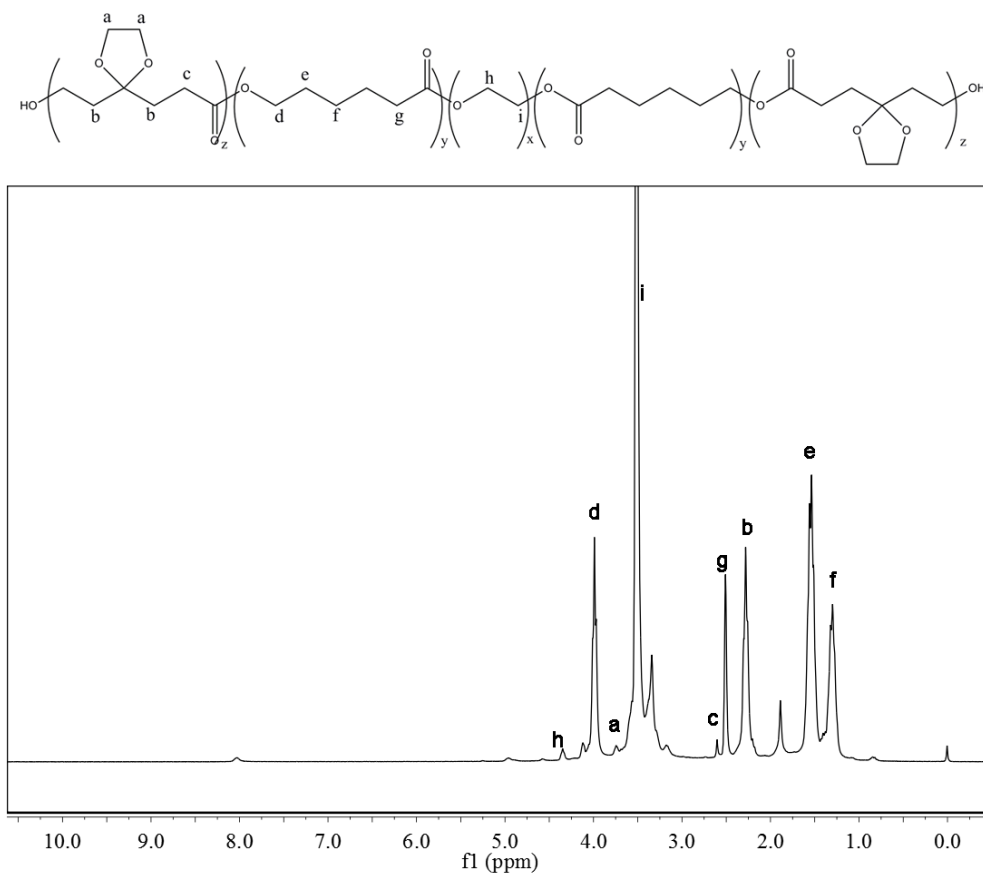


Figure S2. ^1H NMR characterization of tri-block copolymer PCL-PTSUO-PEG.

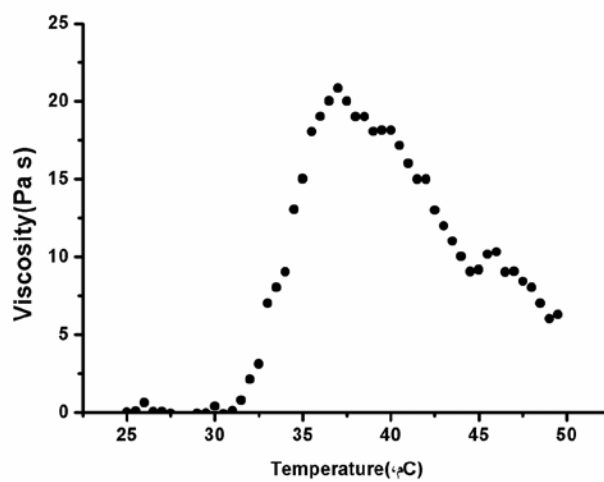


Figure S3. The viscosity changes of TNP solution with temperature at the polymer concentration of 20% (W/W).

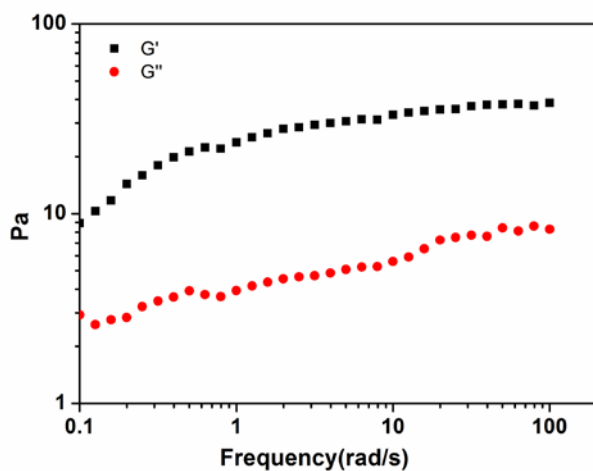


Figure S4. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC^{GEL}.

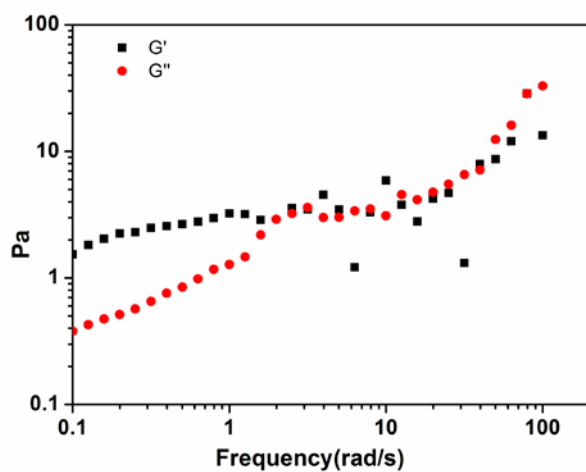


Figure S5. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC^{GEL} after drug release study for 20 days.

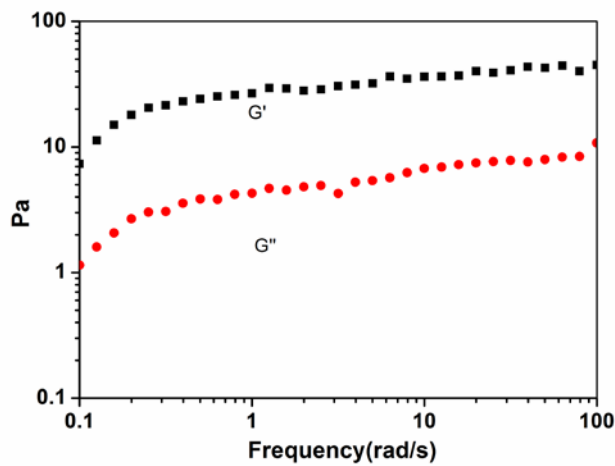


Figure S6. Dynamic frequency sweep at the strain of 2% for TNP/DOX/ZnPC^{GEL} after laser treatment (660 nm for 90 sec with intensity of 100 J/cm²).

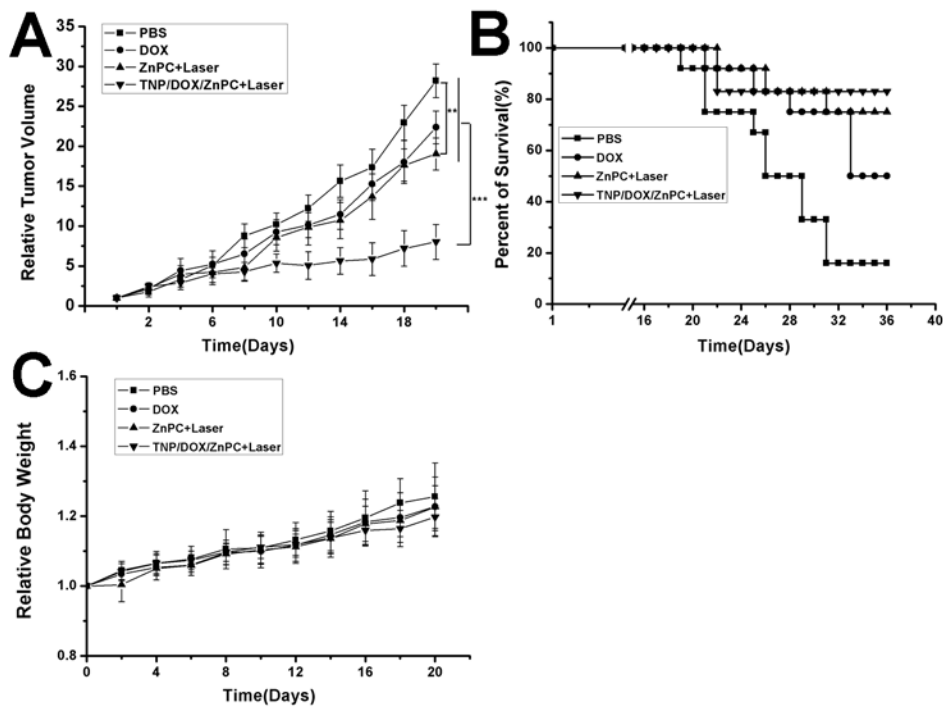


Figure S7. In vivo 5637 cells xenograft inhibition analysis. Relative tumor volume (A) and survival percentage (B) and relative body weight (C) after different treatments at day 0 with DOX or/and ZnPC was administrated at a total dose of 20 mg/kg body weight. (n=6, **P<0.01, ***P<0.001.)