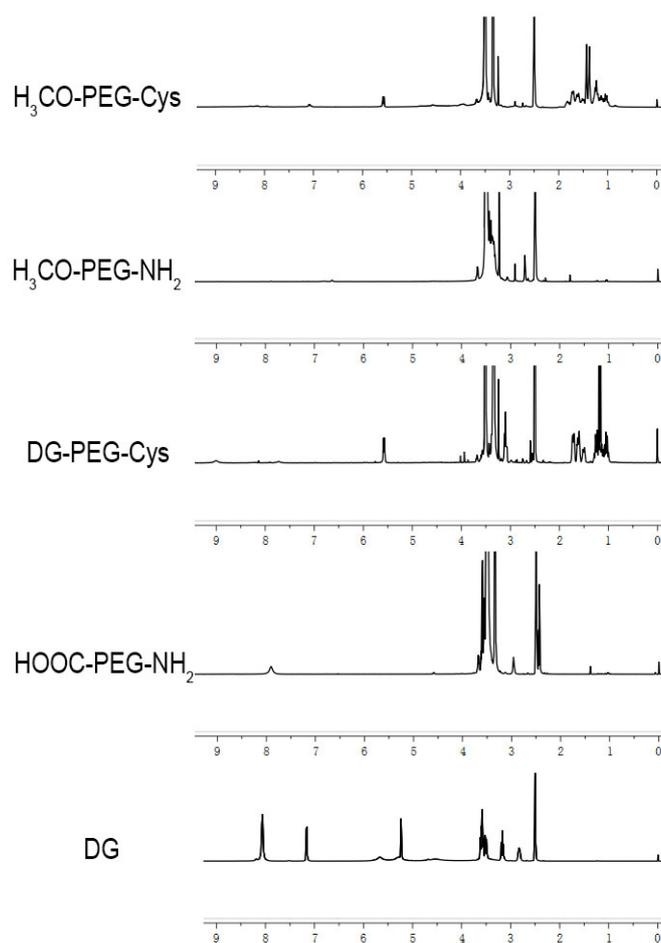


# Supplementary Materials: Combined Modality Therapy Based on Hybrid Gold Nanostars Coated with Temperature Sensitive Liposomes to Overcome Paclitaxel-Resistance in Hepatic Carcinoma

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**Figure S1.**  $^1\text{H}$ NMR spectra of DG, HOOC-PEG-NH<sub>2</sub>, DG-PEG-Cys, H<sub>3</sub>CO-PEG-NH<sub>2</sub>, and H<sub>3</sub>CO-PEG-Cys. DG: 2-Amino-2-deoxy-D-glucose; Cys: Cysteine.

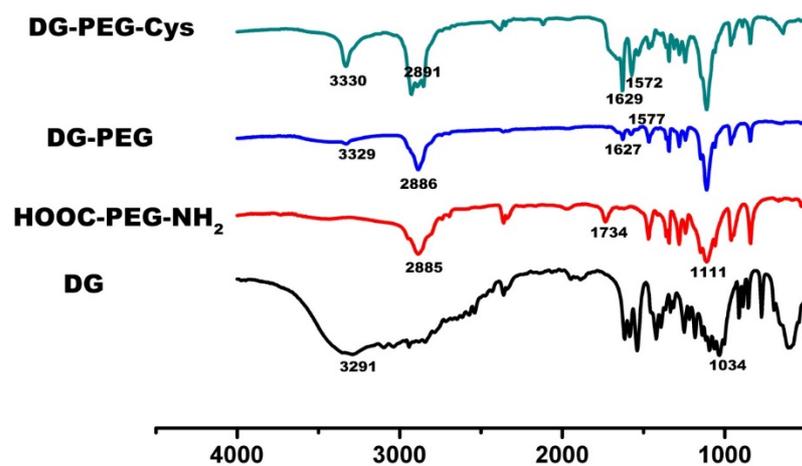


Figure S2. FTIR spectra of DG, HOOC-PEG-NH<sub>2</sub>, DG-PEG and DG-PEG-Cys.

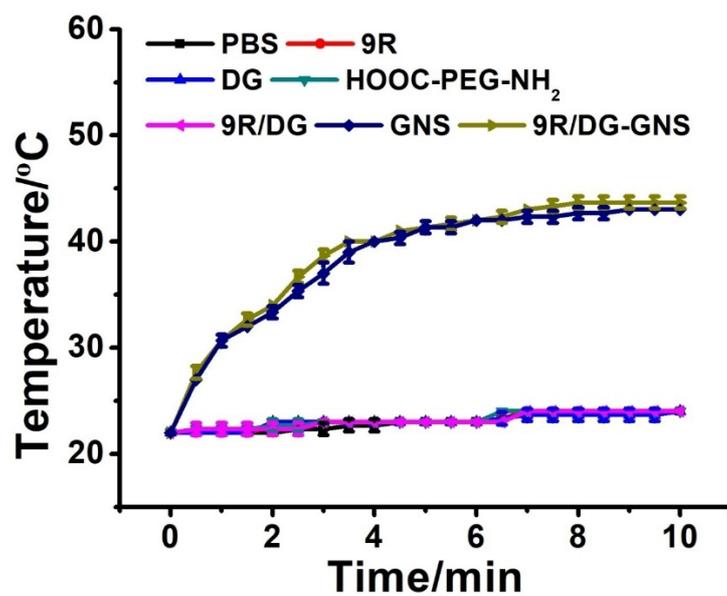


Figure S3. Temperature variation curves of 9R, DG, HOOC-PEG-NH<sub>2</sub>, 9R/DG, GNS and 9R/DG-GNS solution under the continuous NIR laser irradiation (808 nm, 0.5 W/cm<sup>2</sup>) for 10 min (n = 3).

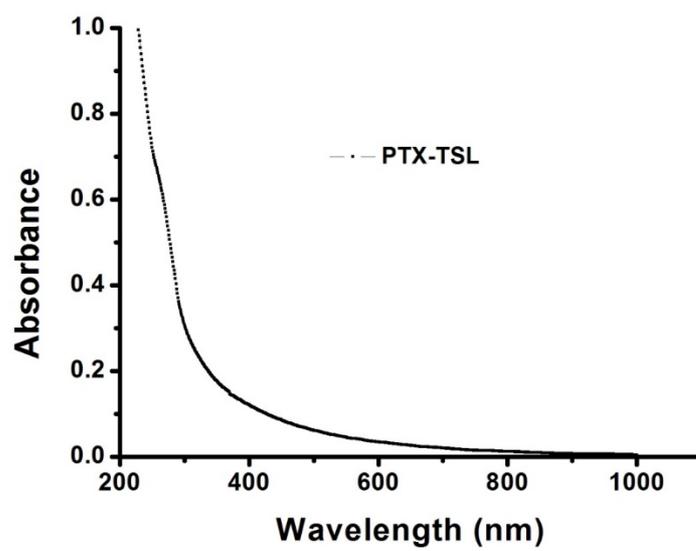


Figure S4. Ultraviolet absorption spectrum of PTX-TSL.