

Supporting Information

A facile theragnostic nano-platform for effective treatment and real-time imaging of acute liver injury

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The file includes:

Figs. S1 to S8

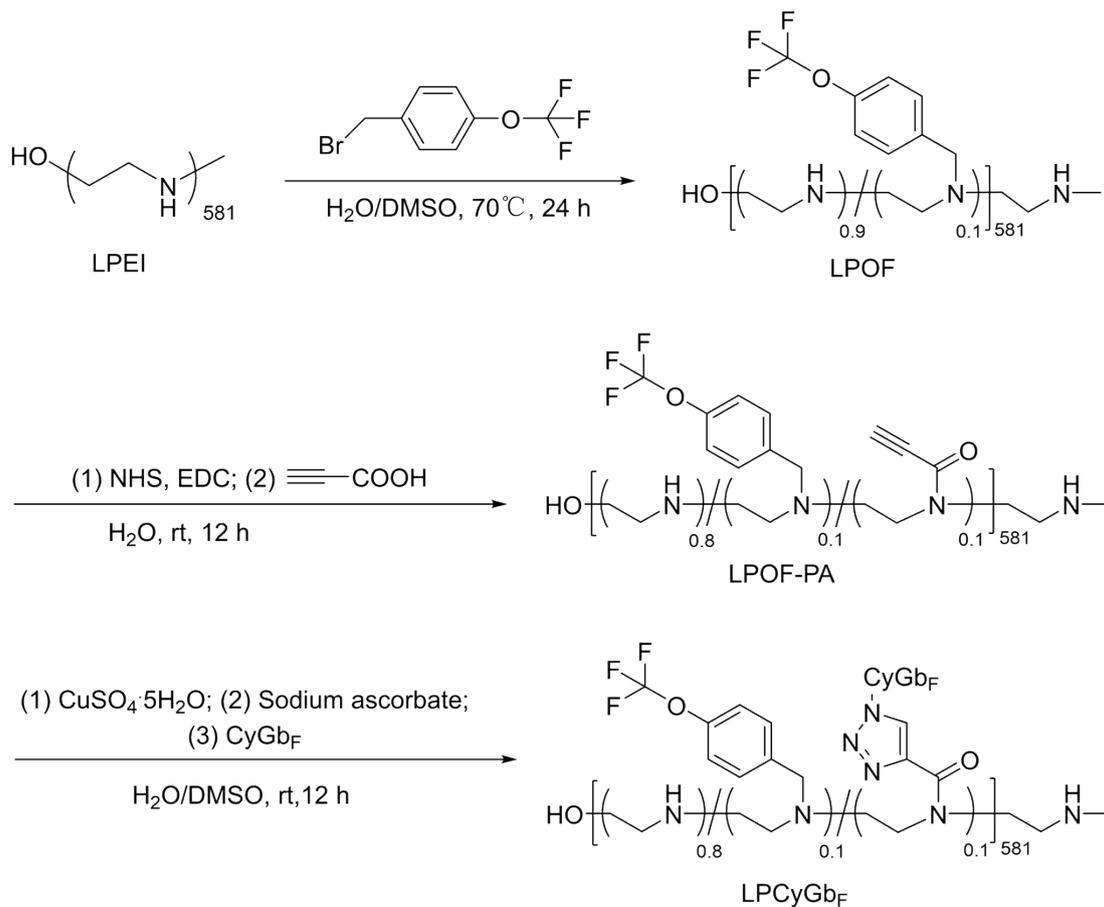


Figure S1 The synthesis route of LPCyGb_F.

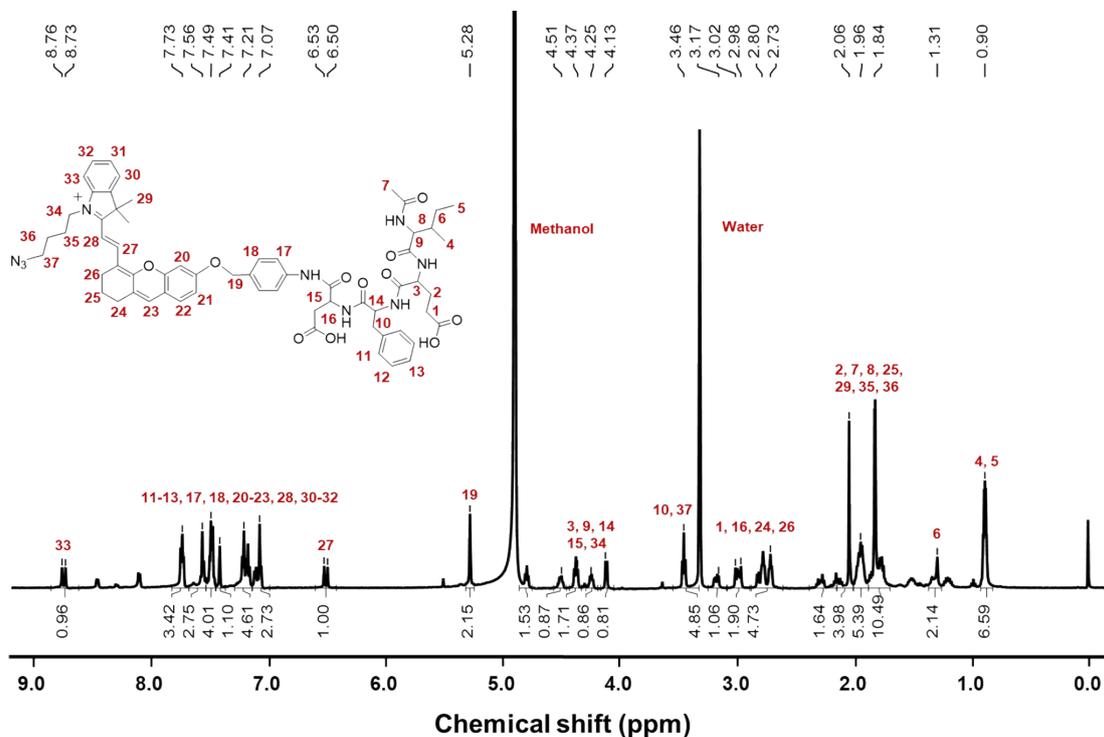


Figure S2 ¹H NMR spectrum of CyGb_F in MeOD.

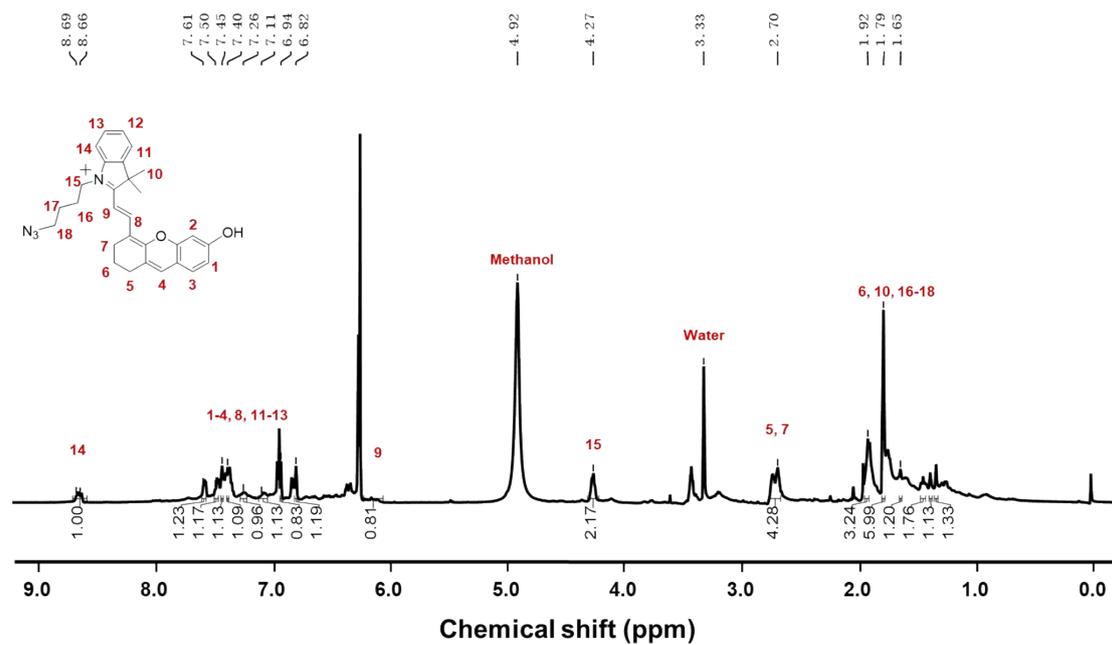


Figure S3 ^1H NMR spectrum of CyOH in MeOD.

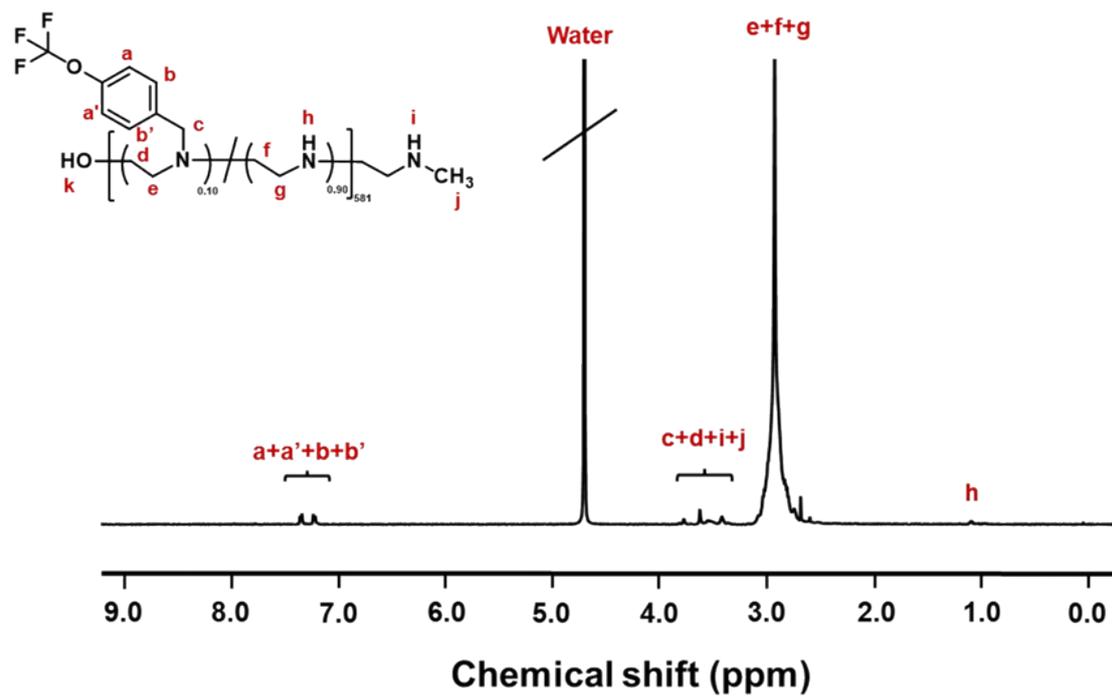


Figure S4 ^1H NMR spectrum of LPOF in D_2O .

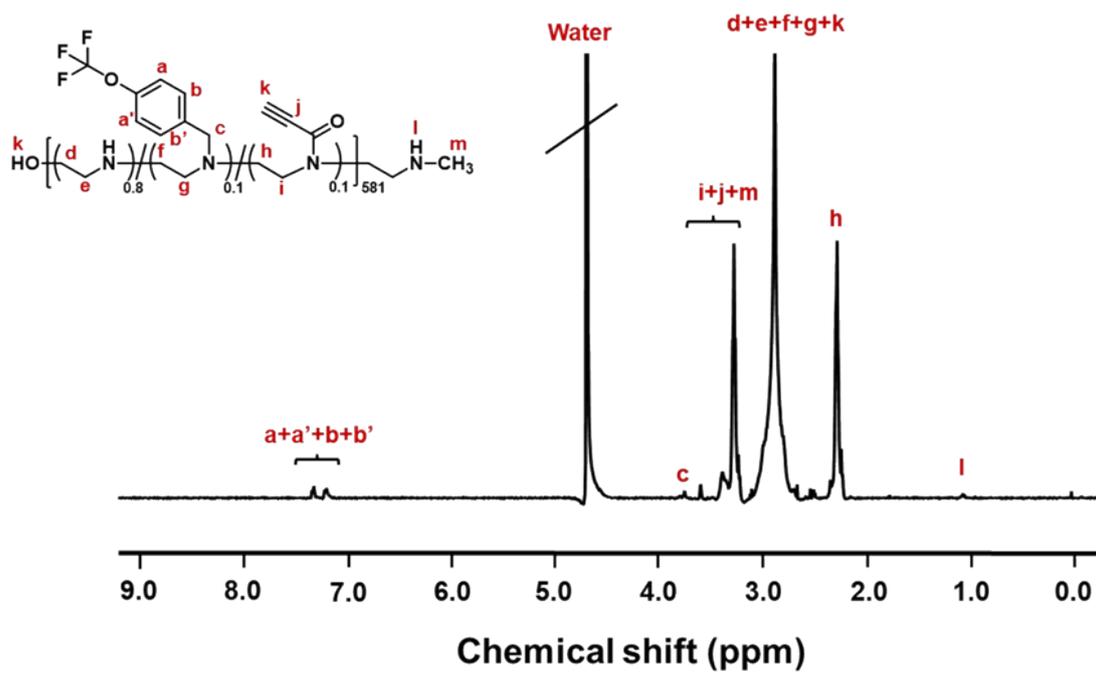


Figure S5 ¹H NMR spectrum of LPOF-PA in D₂O.

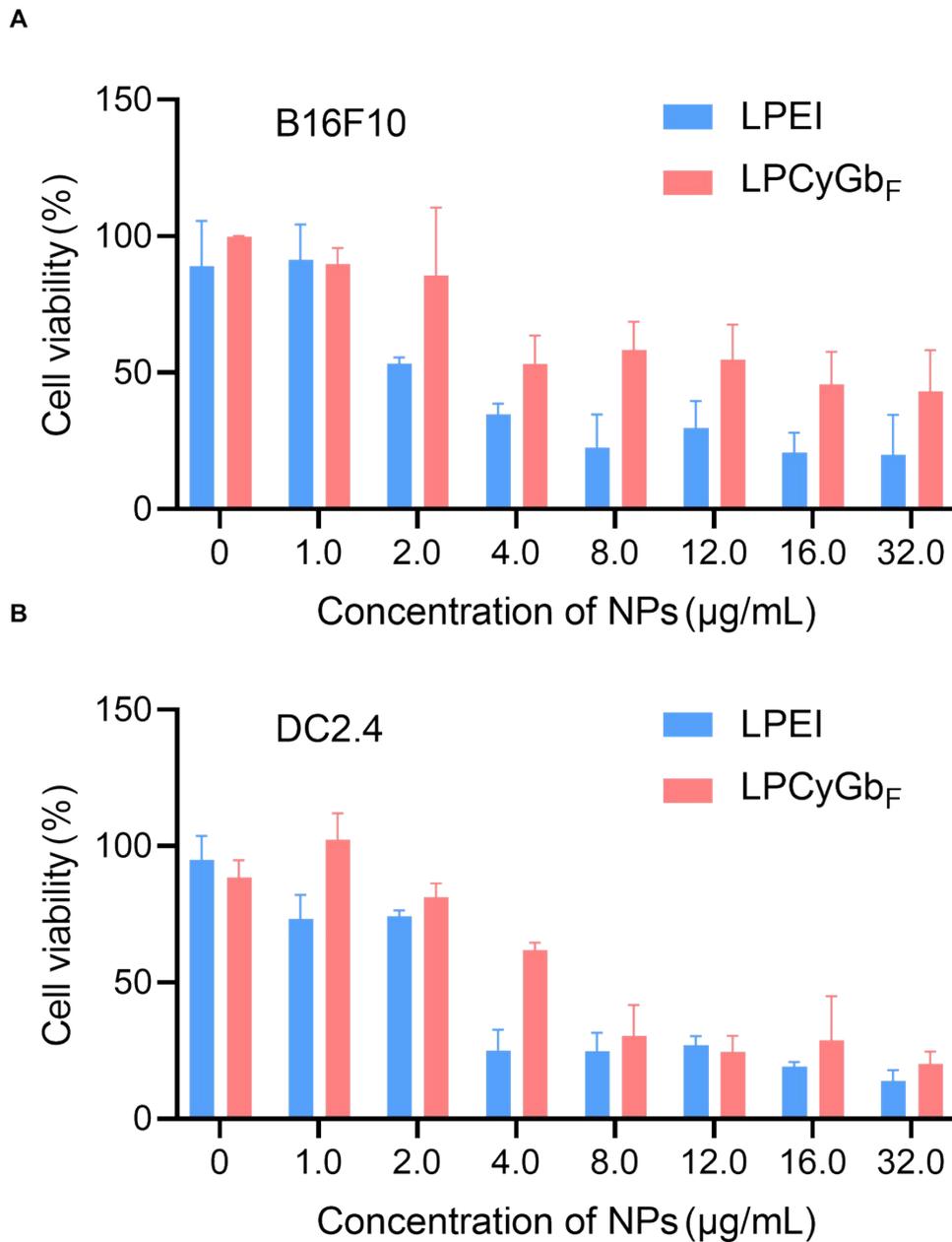


Figure S6 Cell viability of B16F10 cells (A) and DC2.4 cells (B) after treatment with LPEI and LPCyGb_F at different concentration from 0 to 32.0 $\mu\text{g/mL}$.

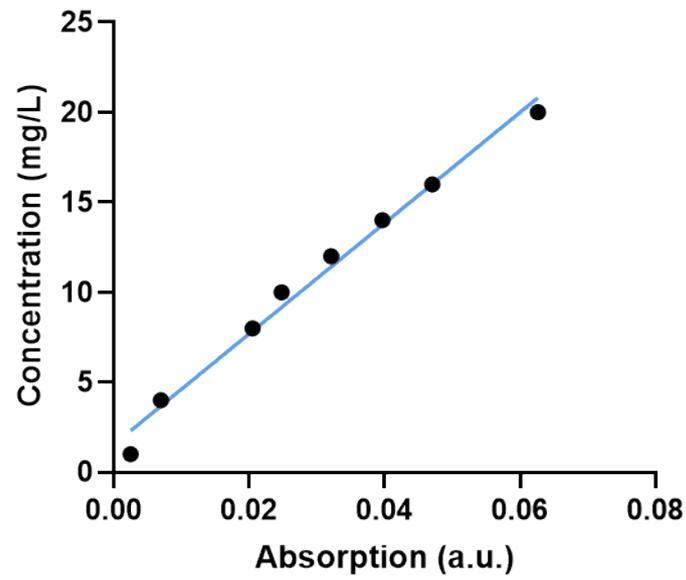


Figure S7 The standard curve of dexamethasone sodium phosphate (Dsp).

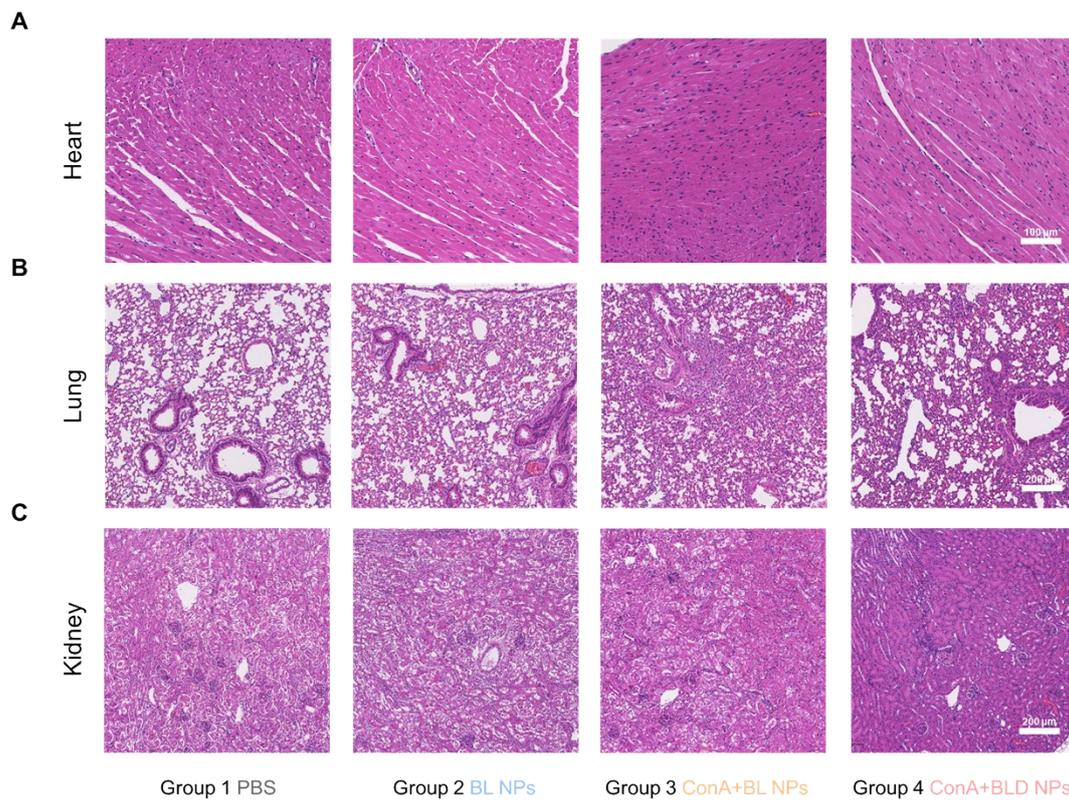


Figure S8 Histopathology of hearts (A) (scale bar = 100 μm), lungs (B) and kidneys (C) (scale bars=200 μm).