

Supporting Information

Curdlan Decorated Fullerenes Mitigate Immune-Mediated Hepatic Injury for Autoimmune Hepatitis Therapeutics via Reducing Macrophage Infiltration

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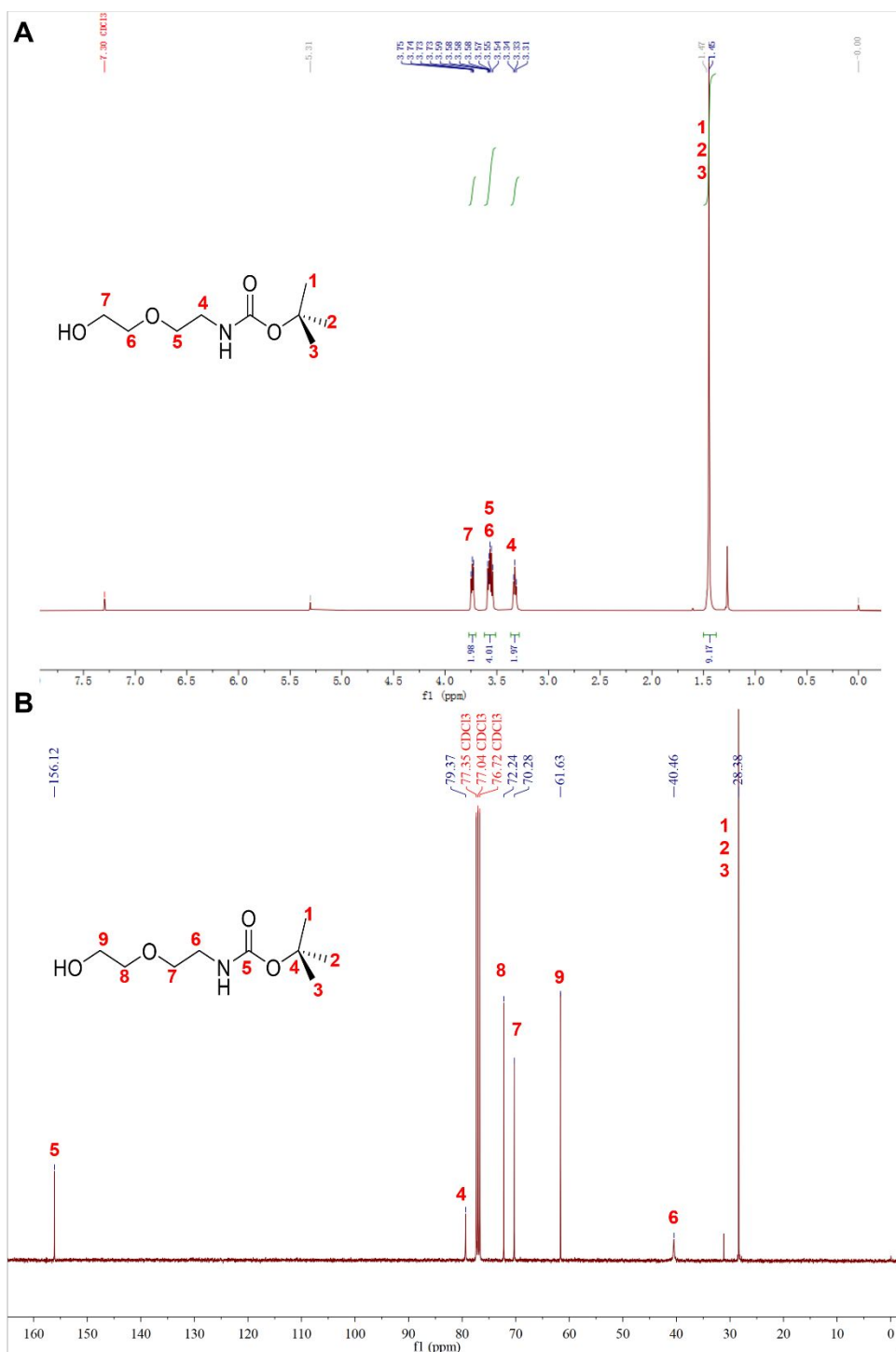


Figure S1. ¹H NMR spectrum (400 MHz, CDCl₃, 301 K). (A) and ¹³C NMR spectrum (400 MHz, CDCl₃, 302 K). (B) of *tert*-butyl (2-(2-hydroxyethoxy)ethyl)carbamate (DGA-BOC).

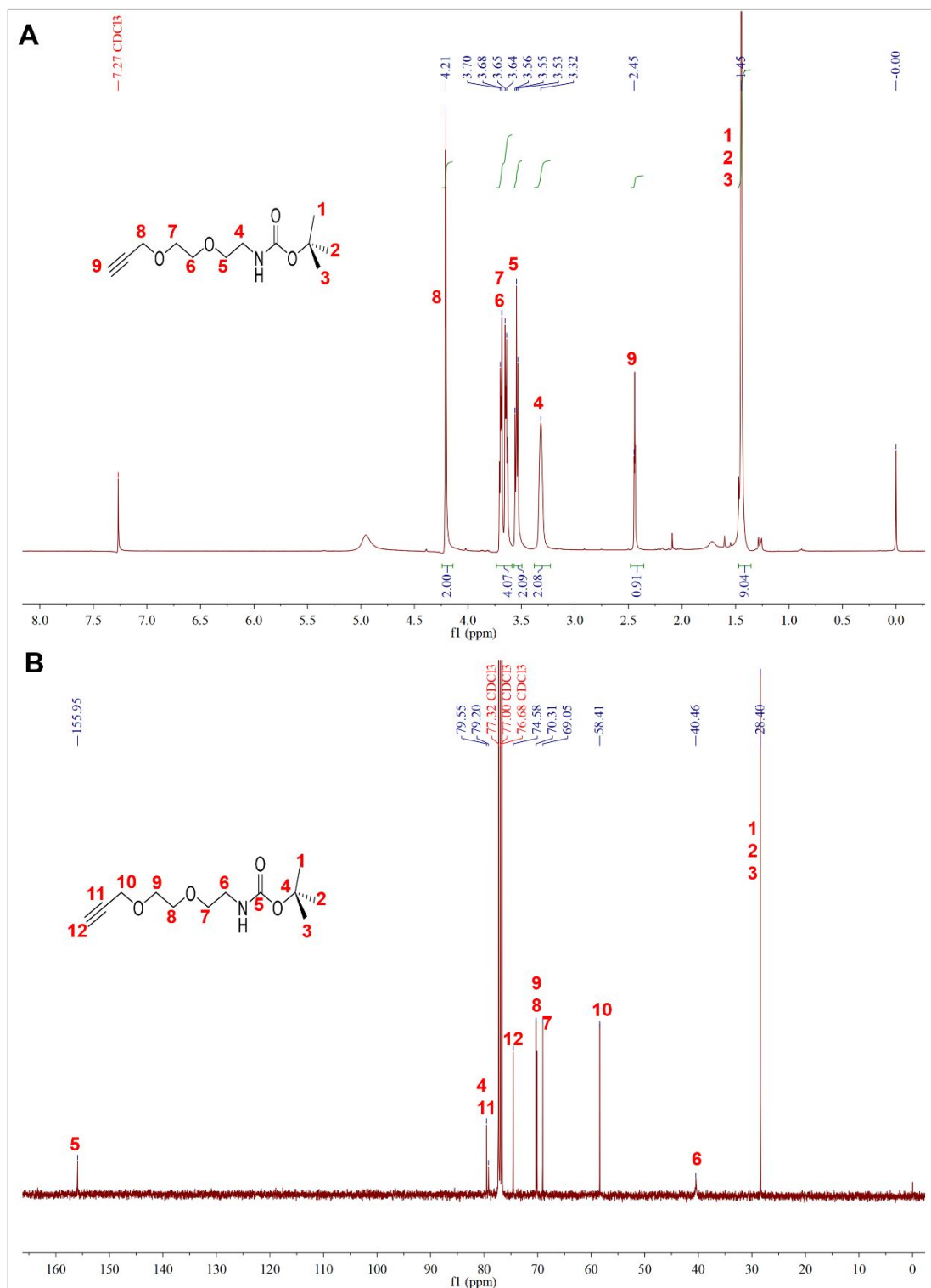


Figure S2. ¹H NMR spectrum (400 MHz, CDCl₃, 298 K). (A) and ¹³C NMR spectrum (400 MHz, CDCl₃, 302 K). (B) of *tert*-butyl (2-(2-(prop-2-yn-1-yloxy)ethoxy)ethyl) carbamate (ALK-DGA-BOC).

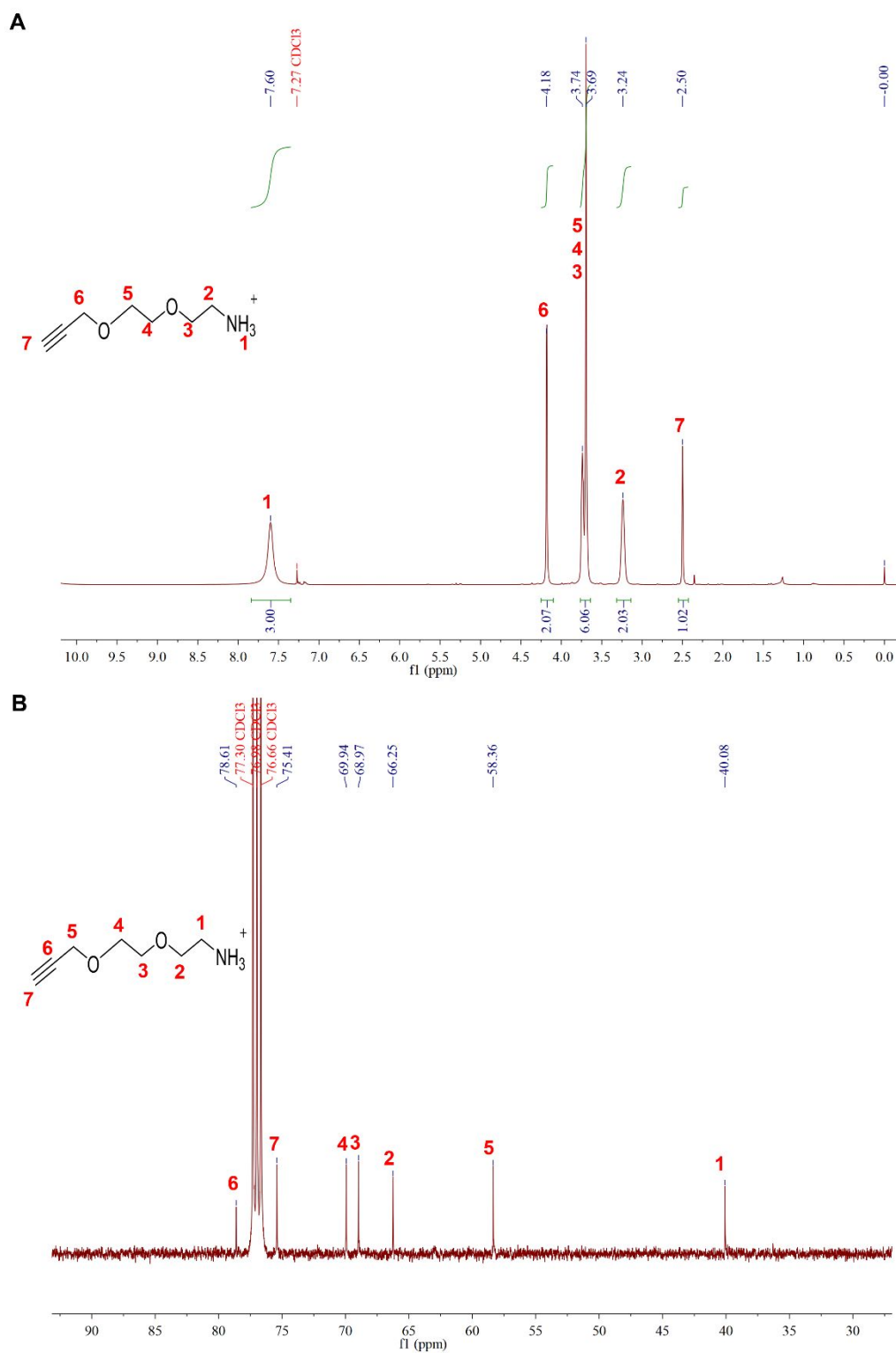


Figure S3. ^1H NMR spectrum (400MHz, CDCl_3 , 300 K). (A) and ^{13}C NMR spectrum (400 MHz, CDCl_3 , 303 K). (B) of 2-(2-(prop-2-yn-1-yloxy)ethoxy)ethan-1-amine (ALK-DGA).

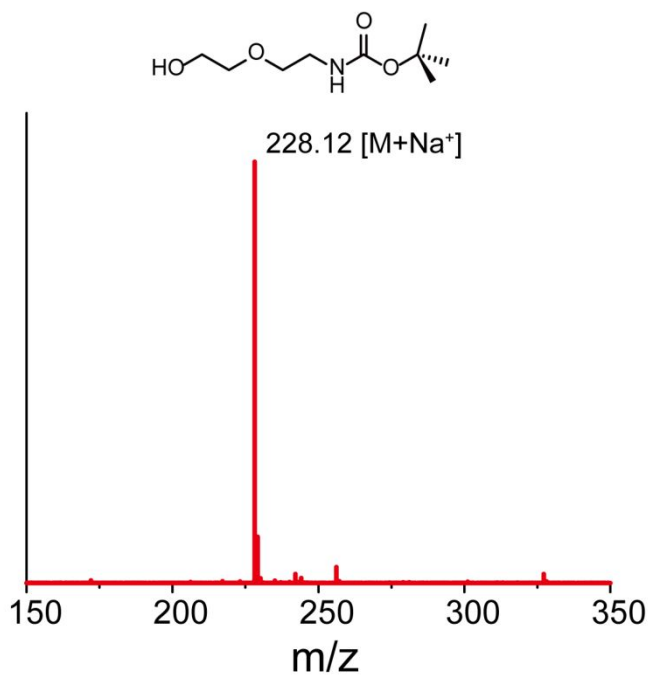


Figure S4. ESI mass spectrum of DGA-BOC.

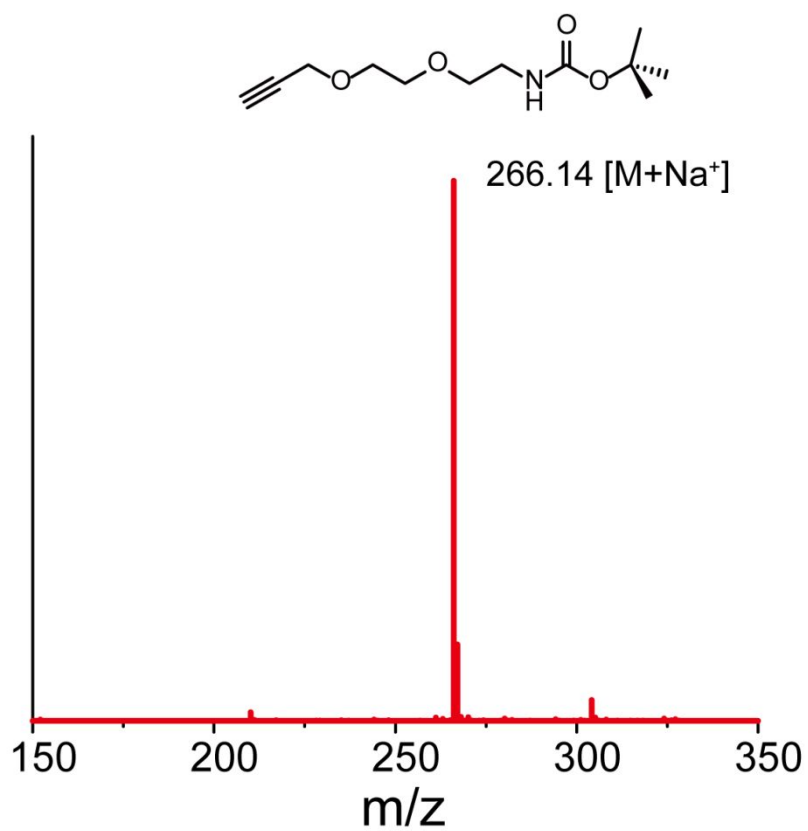


Figure S5. ESI mass spectrum of ALK-DGA-BOC.

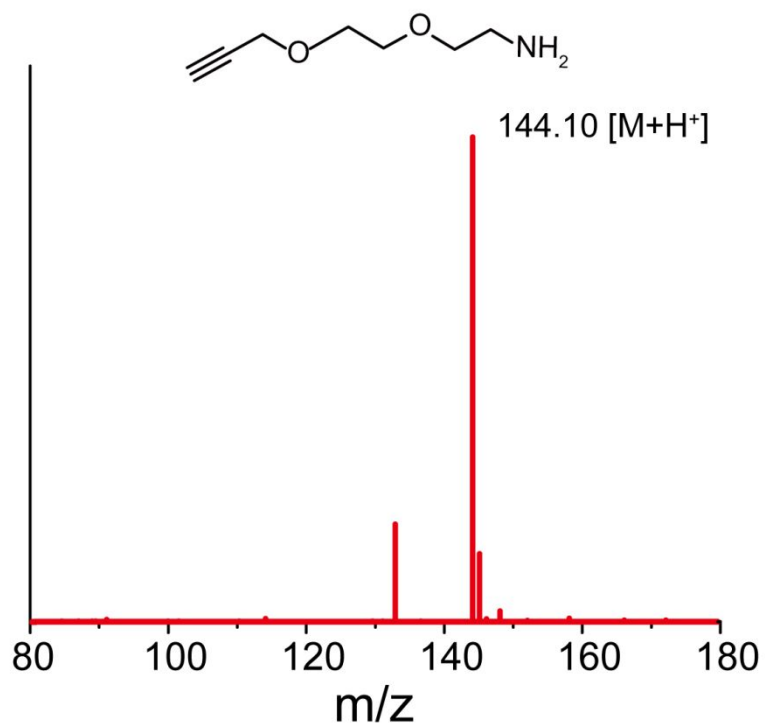


Figure S6. ESI mass spectrum of ALK-DGA.

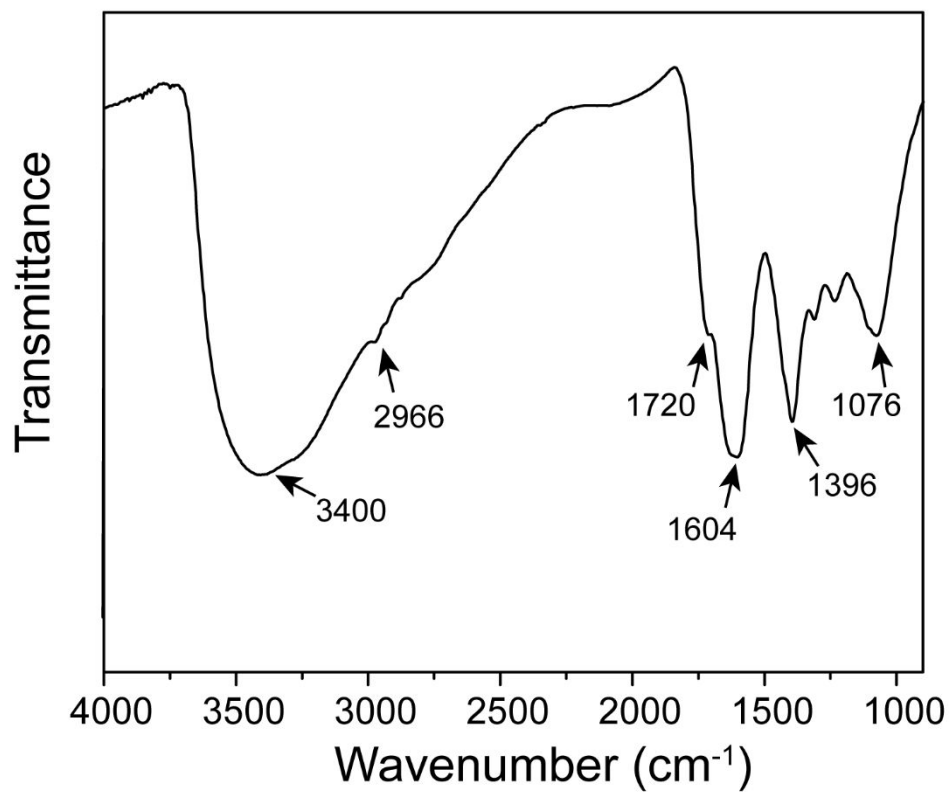
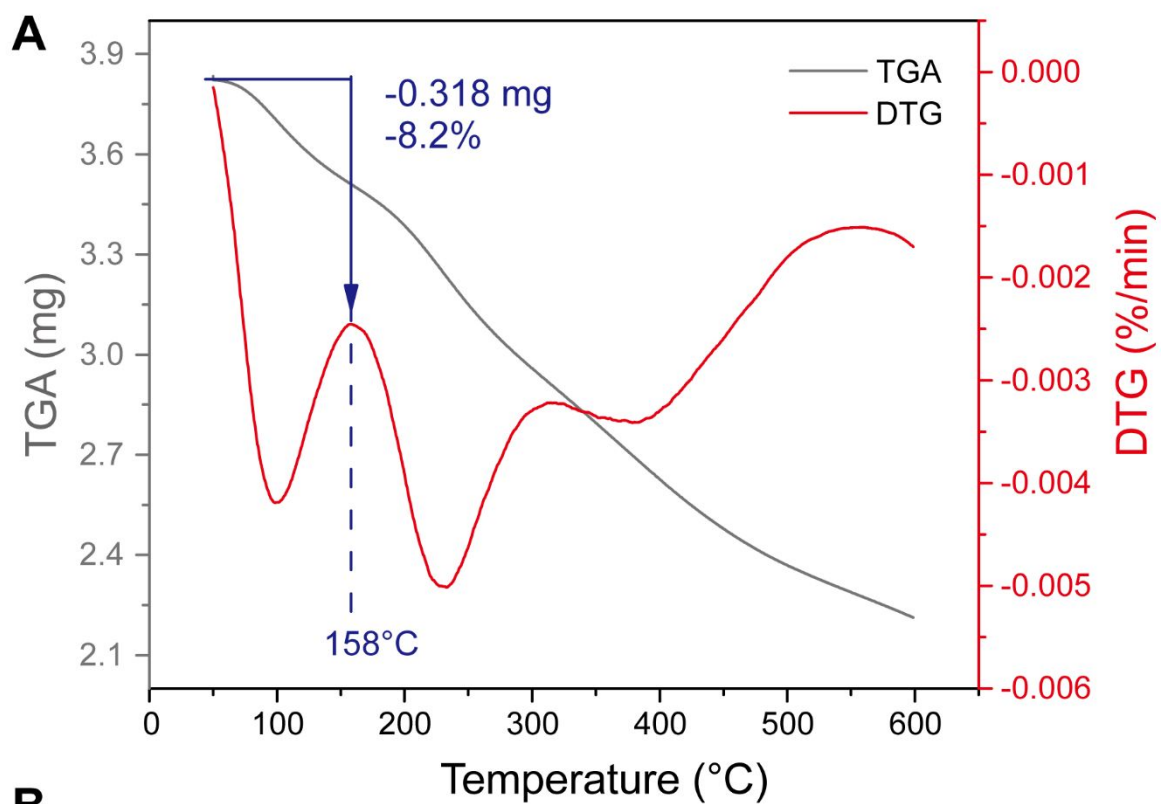


Figure S7. Fourier transform-infrared spectroscopy (FT-IR) analysis of F-Gly.



B

Element	C	N	H
F-Gly (%)	60.04	4.31	3.03
Cur-F (%)	49.15	6.53	3.67

Figure S8. (A) Thermogravimetry analysis (TGA) of F-Gly. (B) Elemental analysis of F-Gly and Cur-F.

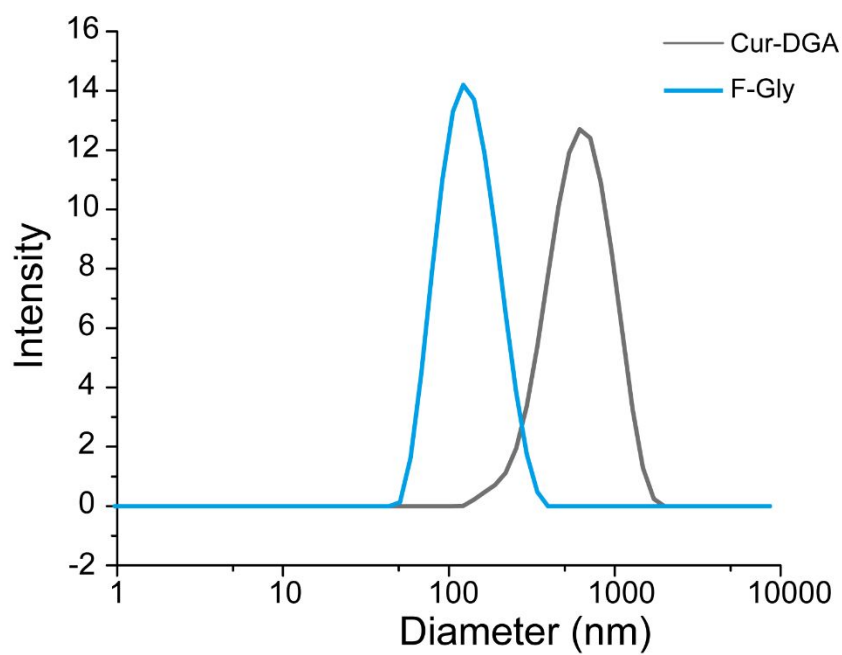


Figure S9. Hydrodynamic sizes of Cur-DGA and F-Gly analyzed by DLS.

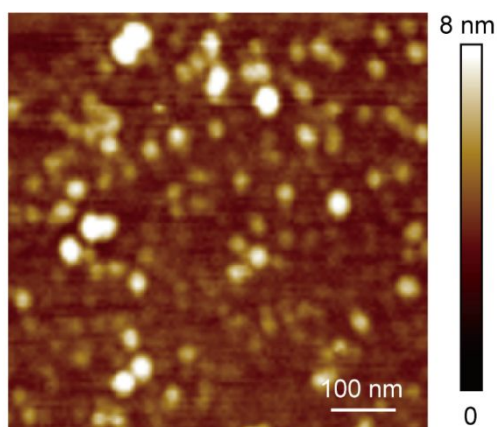


Figure S10. AFM image of Cur-F.

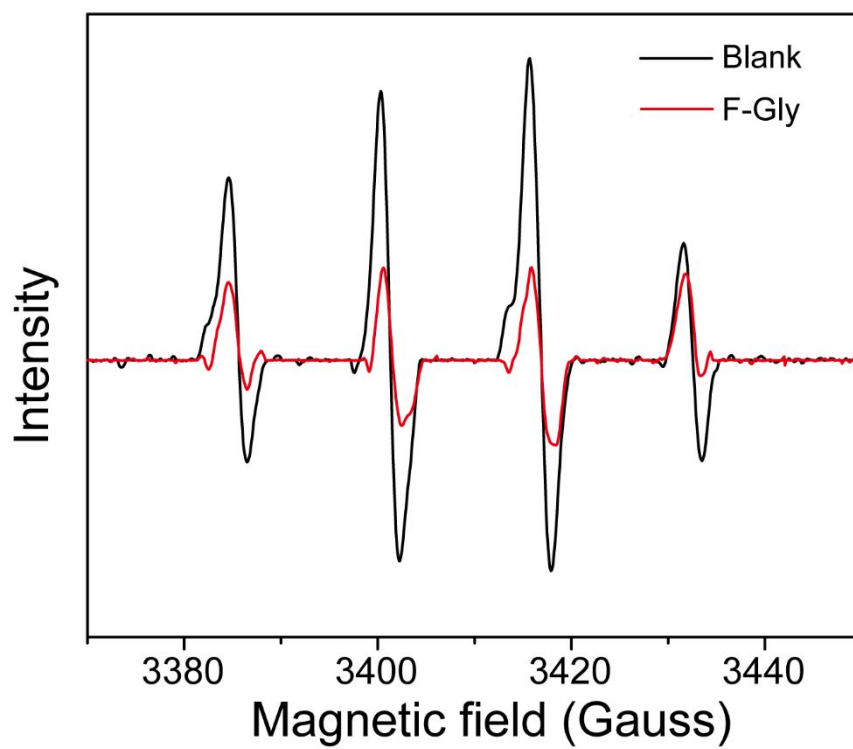


Figure S11. EPR of F-Gly.

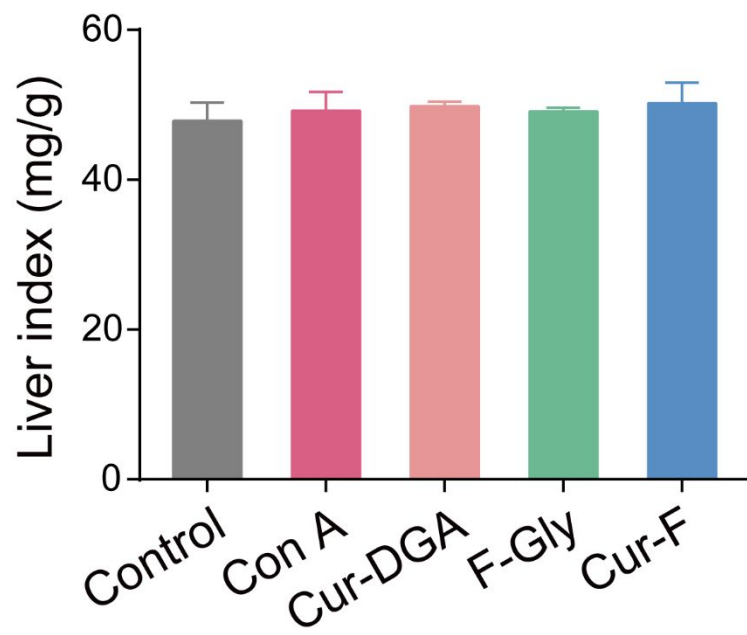


Figure S12. Liver index of mice after different treatments.

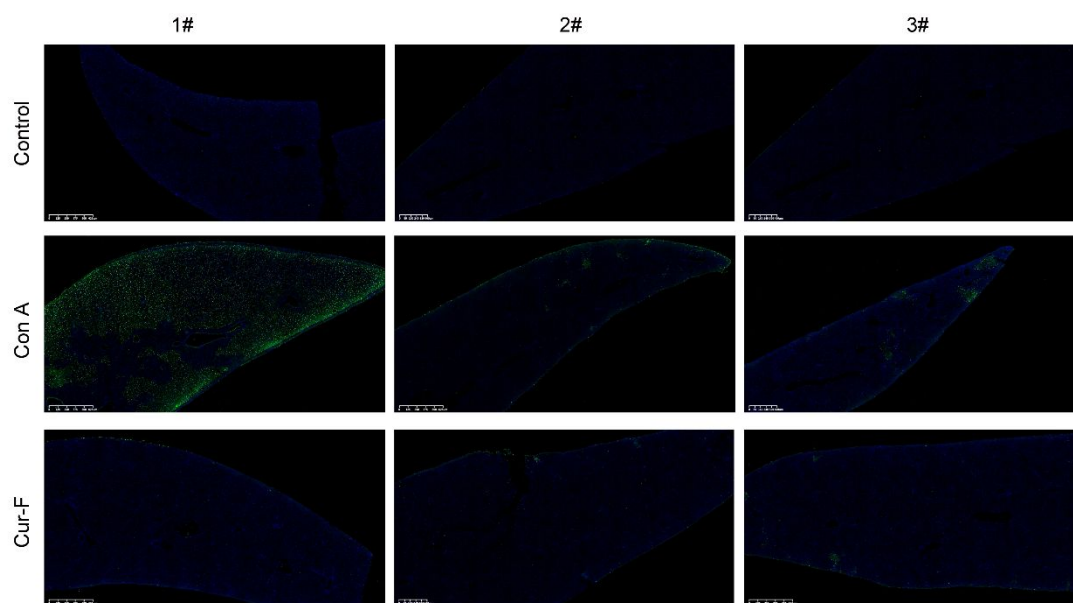


Figure S13. TUNEL staining of liver tissues. Green fluorescence indicated TUNEL, and blue fluorescence referred to DAPI.

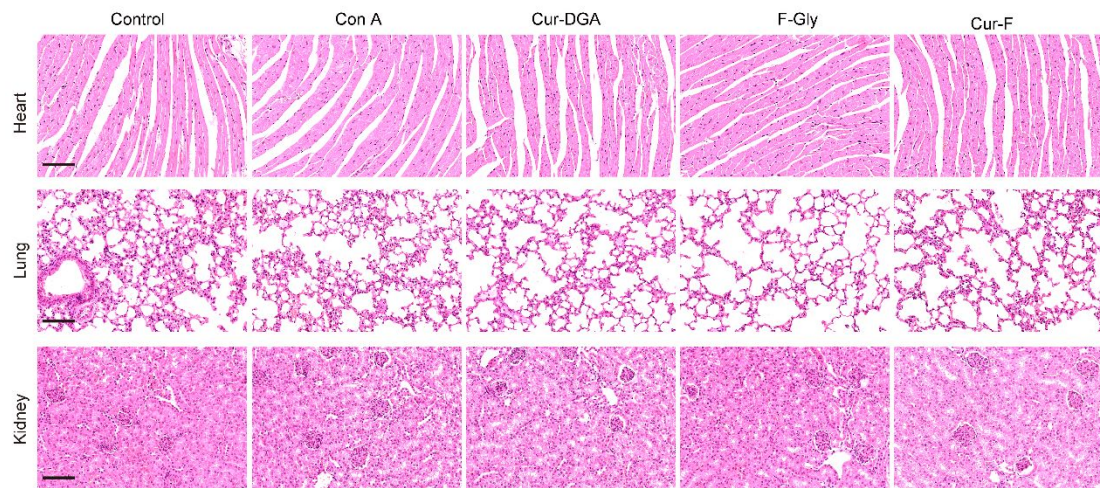


Figure S14. H&E staining of heart, lung, and kidney. Scale bar is 100 μm .

Table S1. The primers for Q-PCR.

Target gene	Primer sequence (5' to 3')
TNF- α Forward	CTGAACTTCGGGGTGATCGG
TNF- α Reverse	GGCTTGTCACTCGAATTTTGAGA
IL-1 β Forward	GAAATGCCACCTTTTGACAGTG
IL-1 β Reverse	TGGATGCTCTCATCAGGACAG
IL-6 Forward	CTGCAAGAGACTTCCATCCAG
IL-6 Reverse	AGTGGTATAGACAGGTCTGTTGG
NF- κ B Forward	AGAGGGGATTTGATTCCGC
NF- κ B Reverse	CCTGTGGGTAGGATTTCTTGTTTC