

Supplemental figures

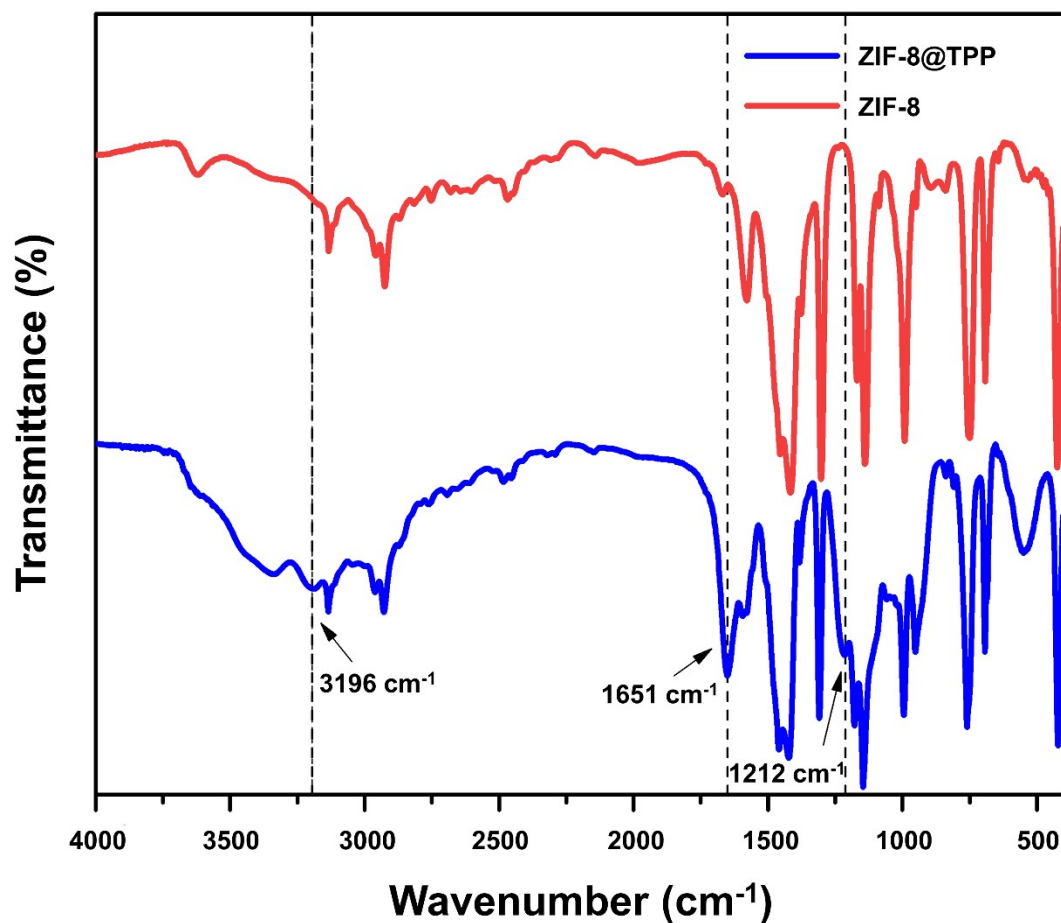


Figure S1. The FT-IR spectrum of ZIF-8 and ZIF-8@TPP.

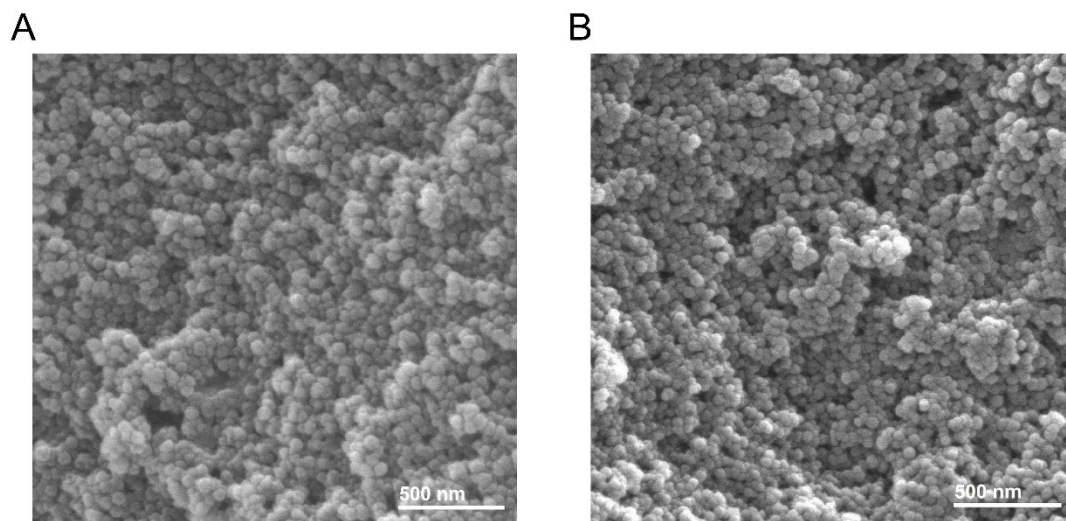


Figure S2. SEM images of (A) ZIF-8 and (B) ZIF-8@TPP.

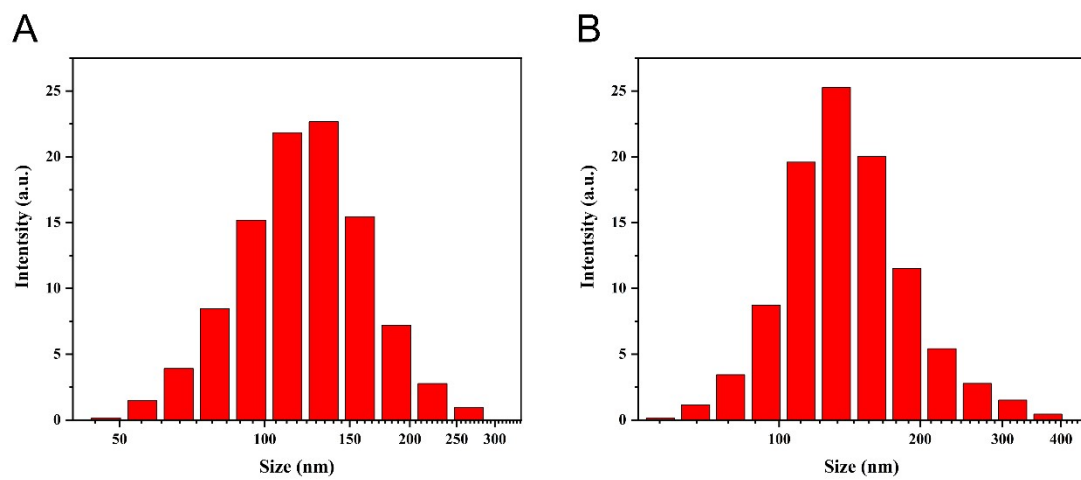


Figure S3. The particle size distribution of (A) ZIF-8, (B) ZIF-8@TPP.

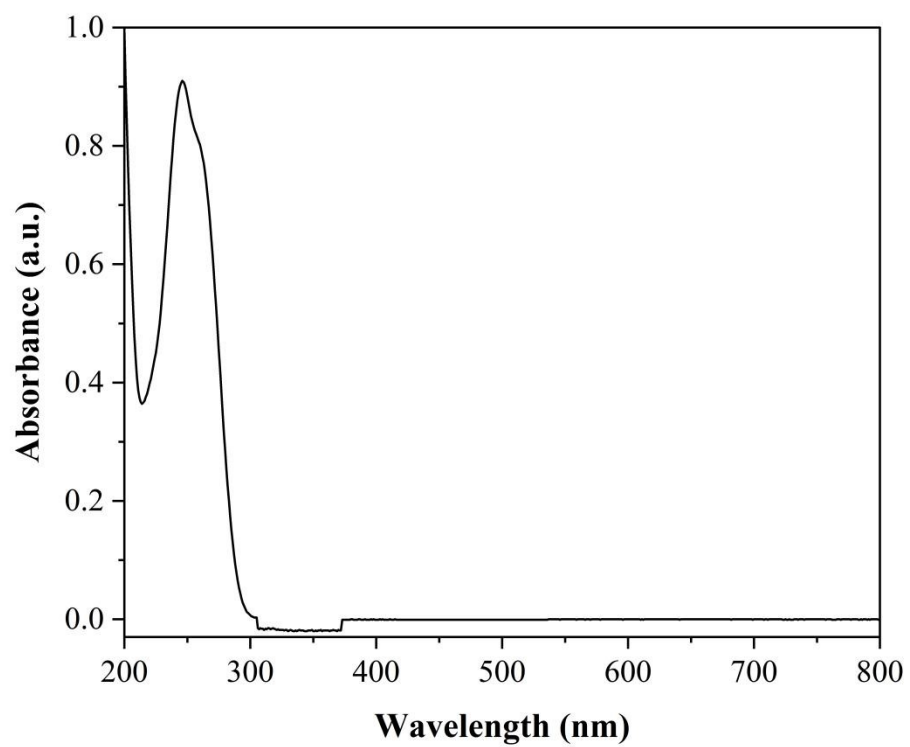


Figure S4. UV-Vis absorption spectra of TPP in DMSO/H₂O₂ (1:1) solution.

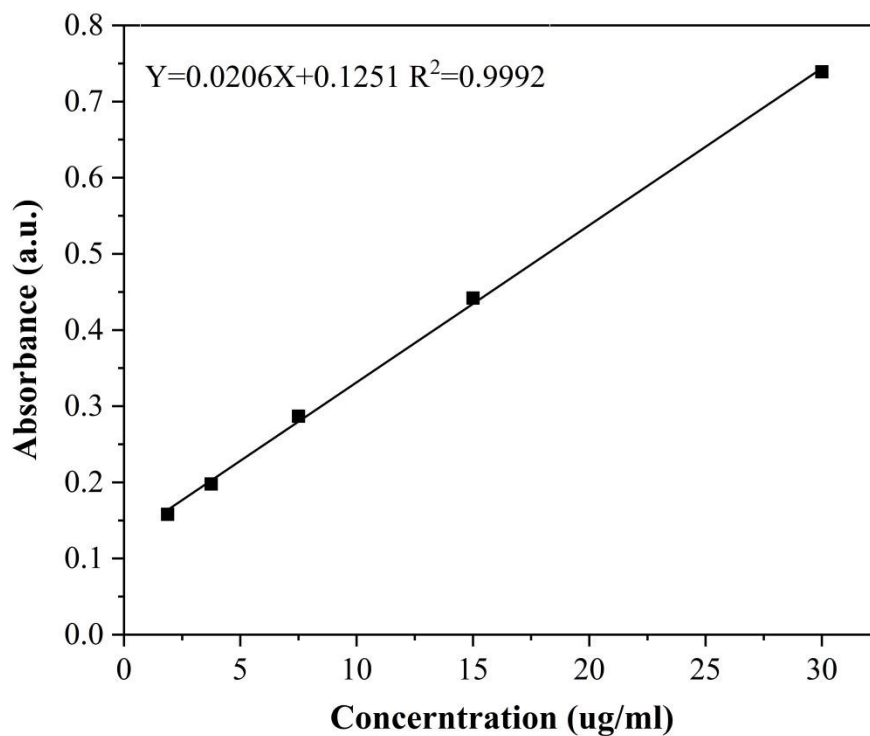


Figure S5. Standard working curve of TPP DMSO/H₂O₂ (1:1) solution at 262 nm. The standard working curve of TPP in DMSO/H₂O₂ (1:1) solution was $y = 0.0206x + 0.1251$, $R^2 = 0.9992$, and it showed good linearity in the concentration of TPP solution of 1.875 $\mu\text{g/mL}$ to 30.0 $\mu\text{g/mL}$ with good linearity.

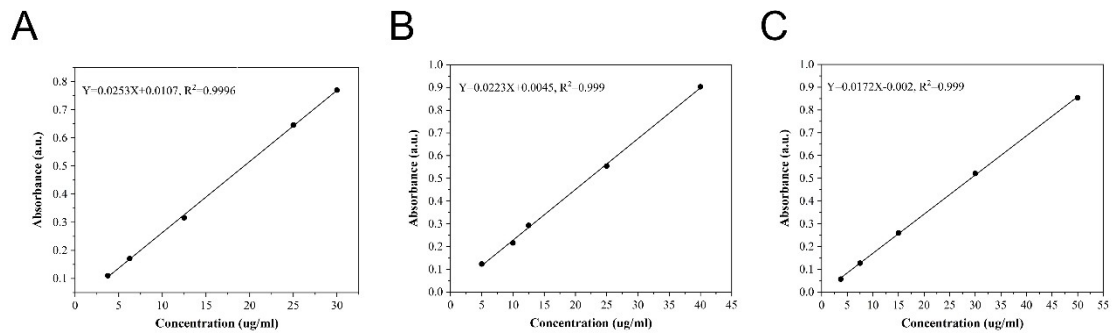


Figure S6. Standard working curves of TPP at (A) pH 5.4, (B) pH 6.4 and (C) pH 7.4.

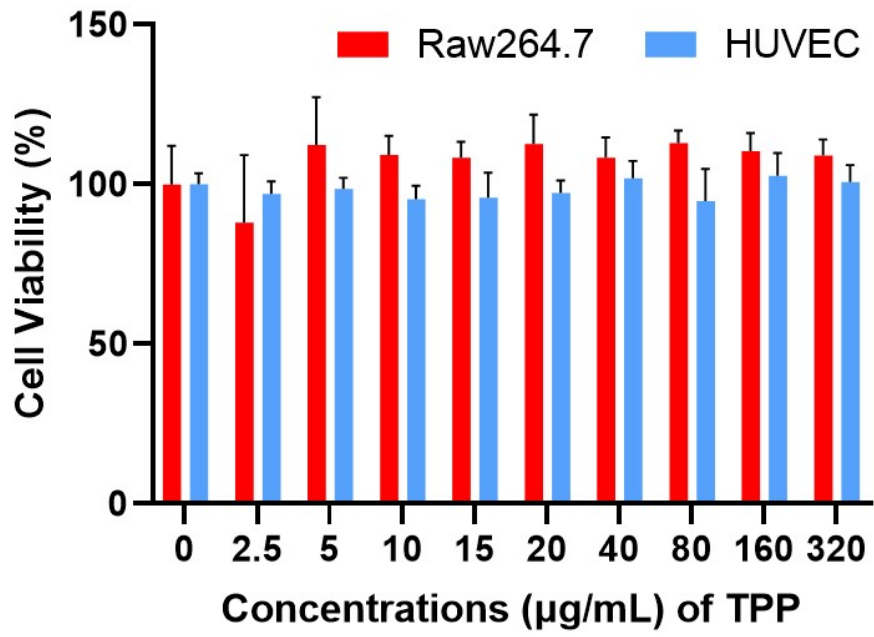


Figure S7. Cell viability of RAW264.7 cells and HUVECs treated with different concentrations of TPP for 24 hours.

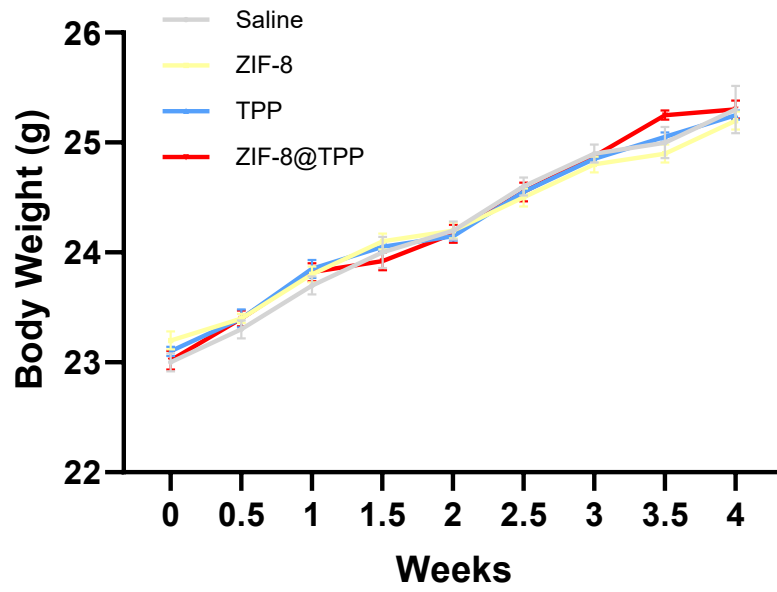


Figure S8. Body weights of mice in different groups at different timepoints after injected with different reagents.

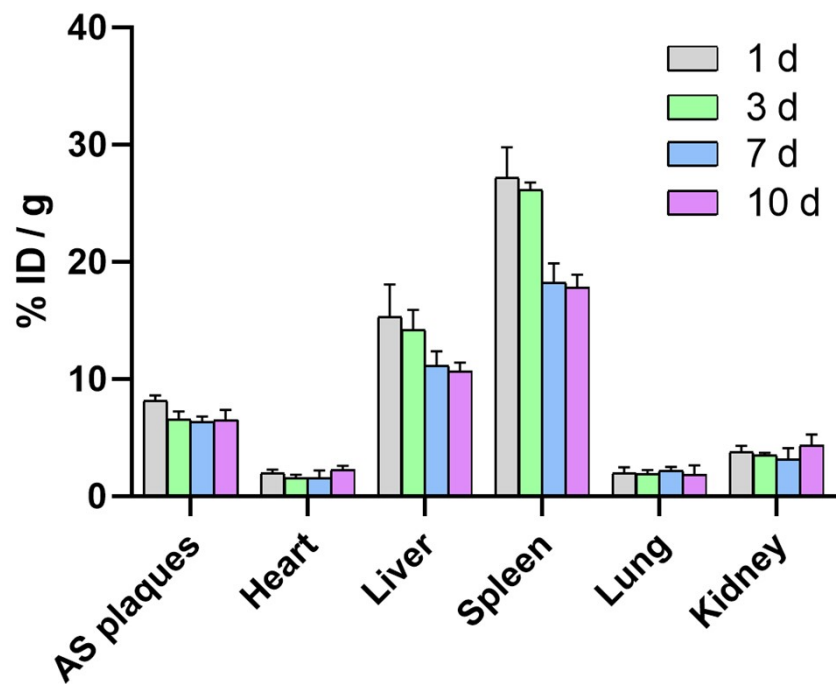


Figure S9. Biodistribution of ZIF-8@TPP determined by ICP-MS (n = 4) in atherosclerotic plaques and major organs. AS plaques = atherosclerotic plaques.