

Supporting Information

Fabrication of Polymeric Micelles with AIE and FRET for Anticancer Drug Delivery

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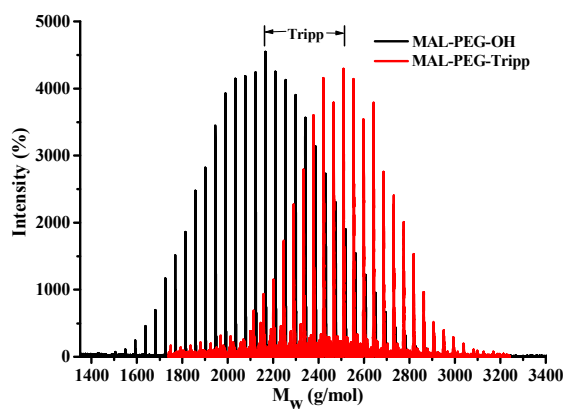


Figure S1. MALDI-TOF-MS analysis of the conjugation of MAL-PEG and MAL-PEG-Tripp.

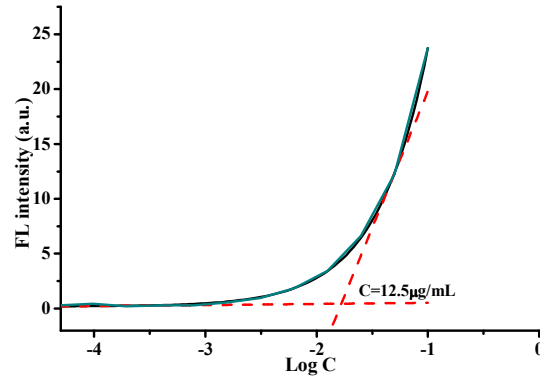


Figure S2. The critical micelle formation concentration (CMC) of MAL-PEG-Tripp.

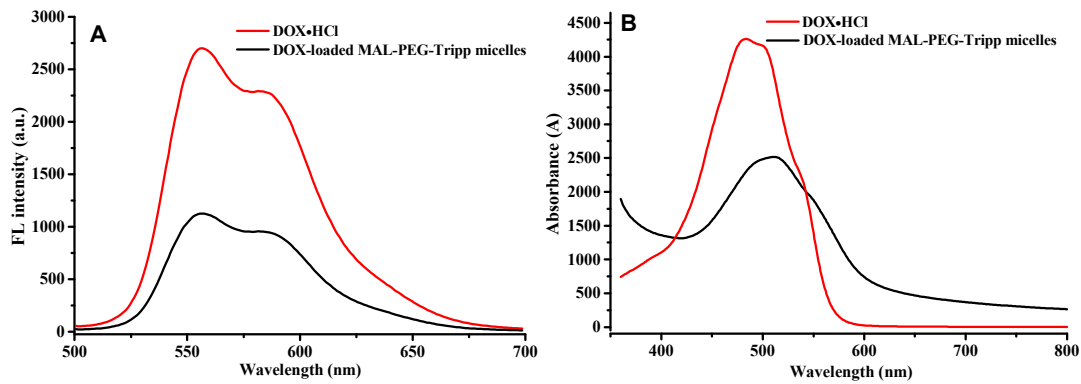


Figure S3. Fluorescence spectra (A) and UV-vis spectra (B) of DOX and DOX-loaded MAL-PEG-Tripp micelle, the fluorescence excited wavelength was 485 nm.

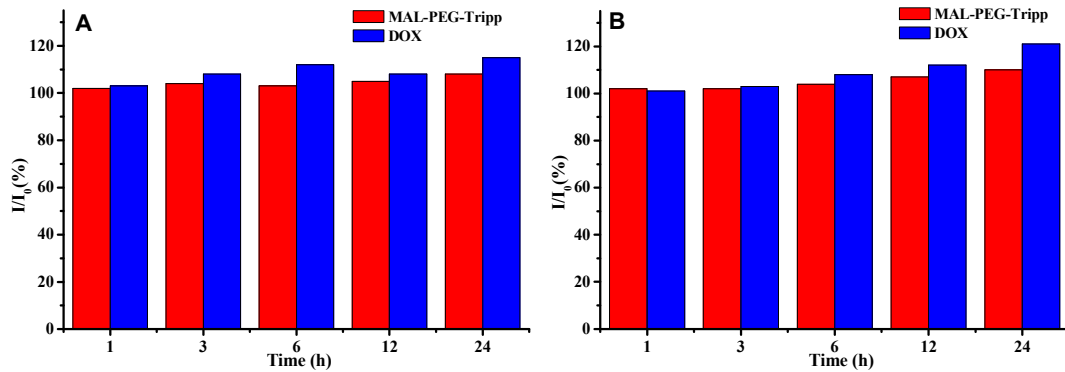


Figure S4. Stability of DOX-loaded MAL-PEG-Tripp micelle in serum-supplemented medium. DOX-loaded MAL-PEG-Tripp micelle (1 mM) (A); DOX-loaded MAL-PEG-Tripp micelle (5 mM) (B).

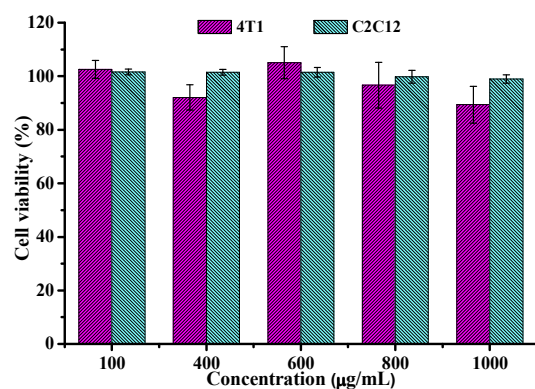


Figure S5. The cytotoxicity of blank MAL-PEG-Tripp micelle to C2C12 and 4T1 cells, means $\pm$ SD (n= 3).

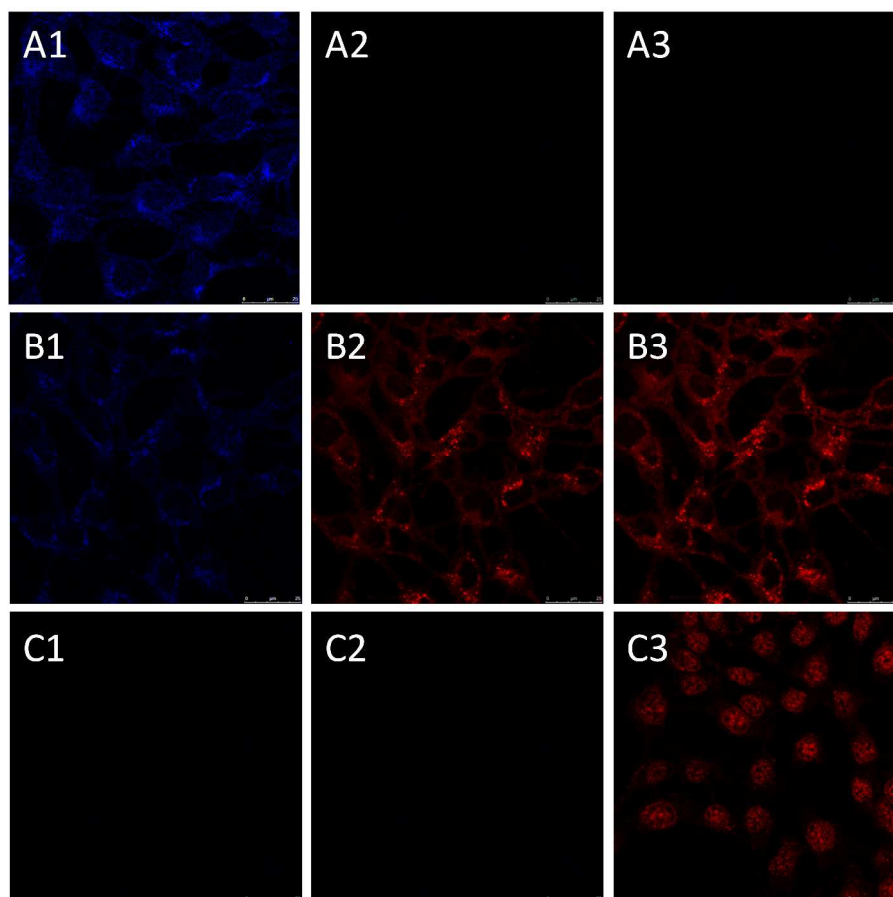


Figure S6. The confocal laser scanning microscopy images of 4T1 cells incubated with blank MAL-PEG-Tripp micelle (A), DOX-loaded MAL-PEG-Tripp micelle (B) and DOX·HCl (C) for 3 h. The intracellular images were taken using three different microscopic settings: the 1, 2, 3 represented donor channel, FRET channel and acceptor channel respectively.