Supplementary Information

Tetramethyl Cucurbit[6]uril–Porphyrin Supramolecular Polymer Enhances Photosensitization

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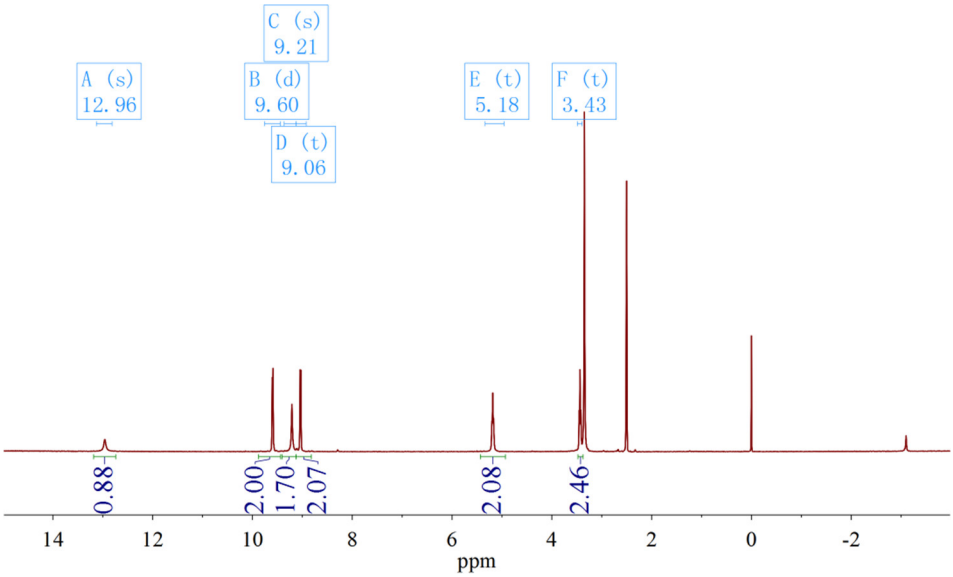


Figure S1. ^{1}H NMR spectra (400 MHz, d6-DMSO) of the TPPOR

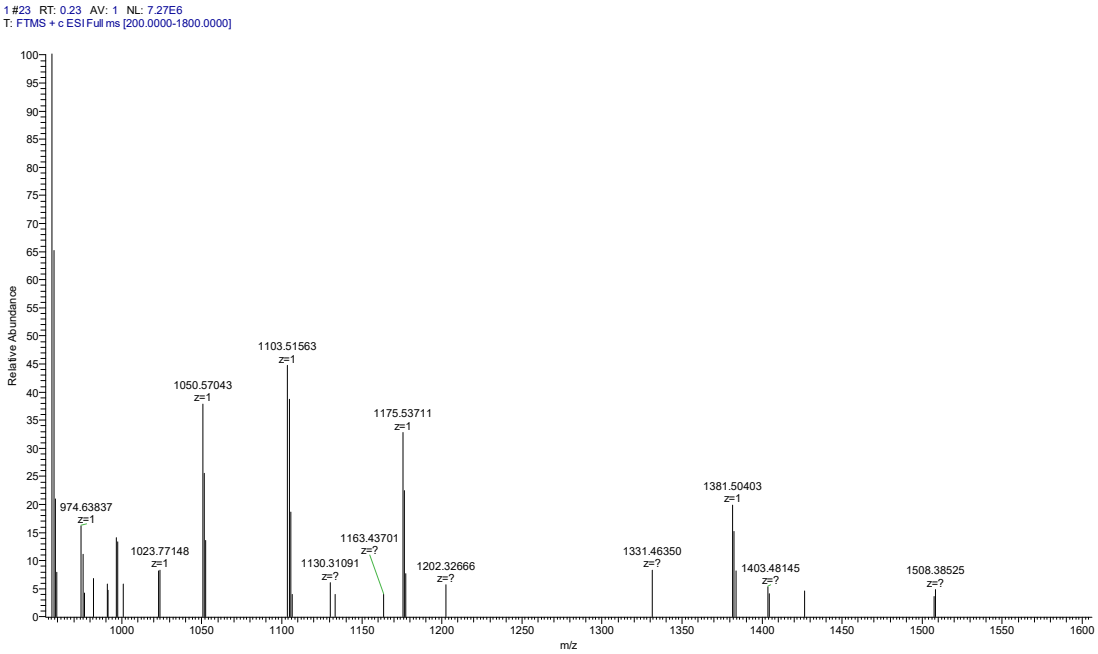


Figure S2. High-resolution mass spectrometry of TPPOR

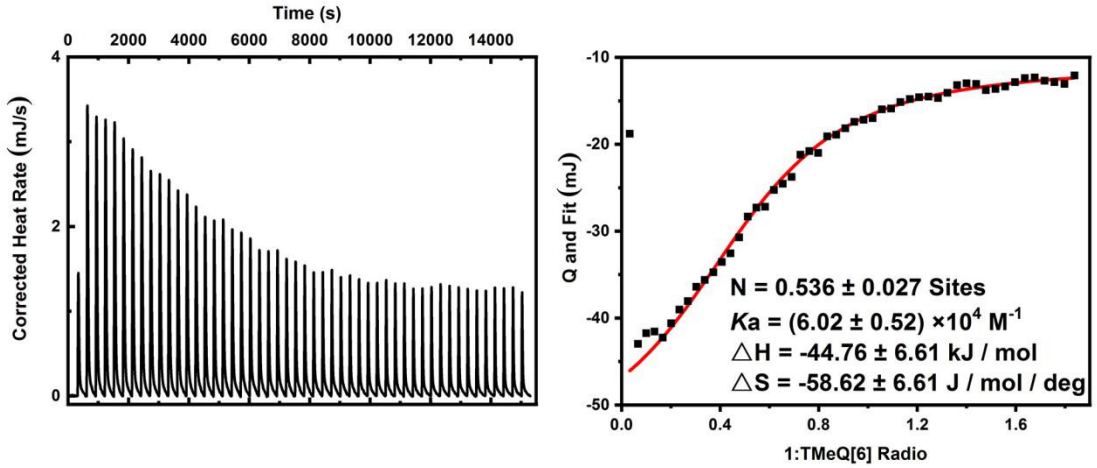


Figure S3. ITC data for the binding interaction between TMeQ[6] and TPPOR at a temperature of 25 °C

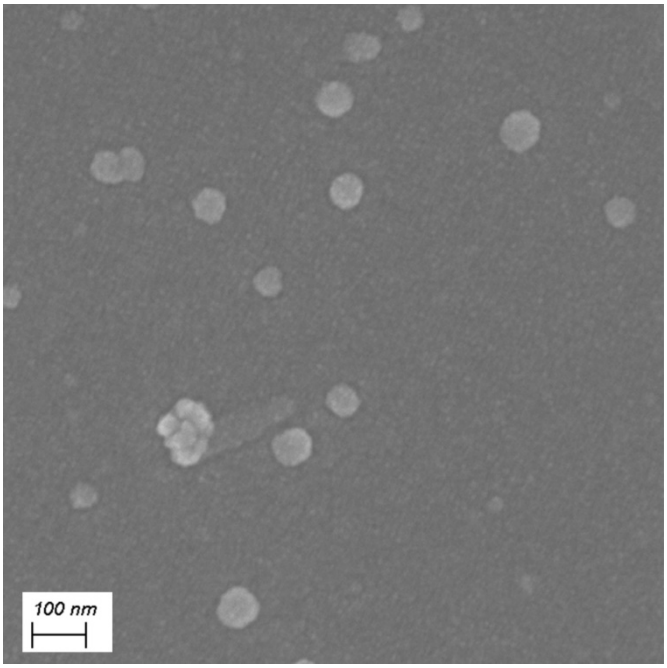


Figure S4. SEM images of TPPOR in aqueous s solution

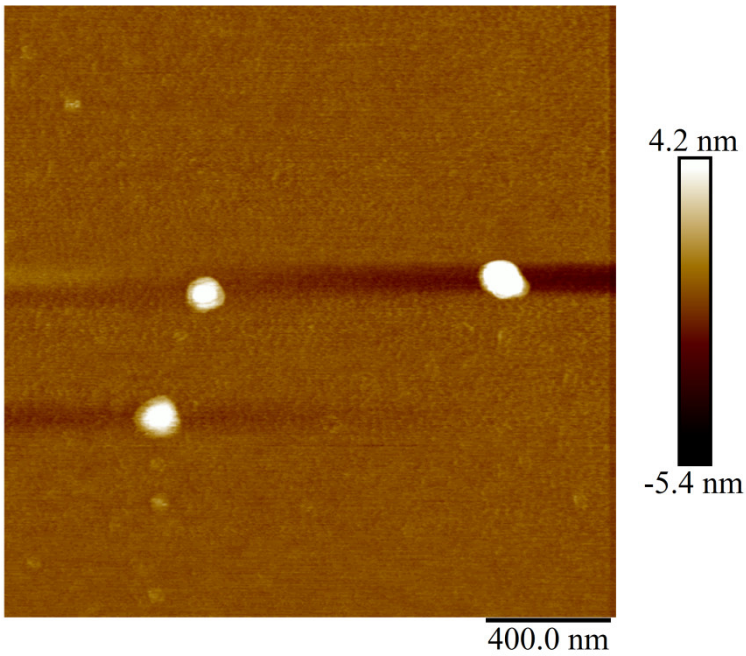


Figure S5. AFM images of TPPOR-2TMeQ[6] in aqueous s solution

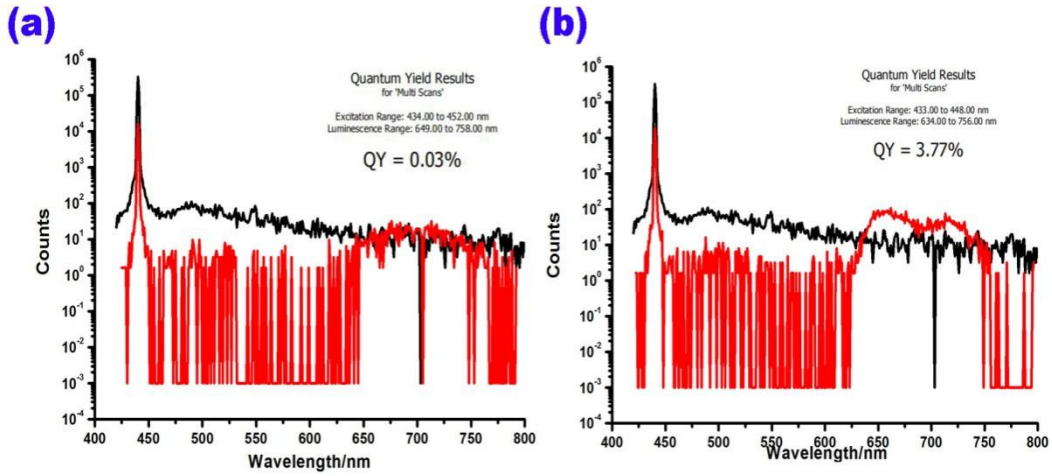


Figure S6. (a) Quantum yield results of TPPOR and (b) TPPOR-2TMeQ[6] (20 μM, pH 7.2). Excitation range: 434 to 452 nm, Luminescence range: 649.00 to 758.00 nm

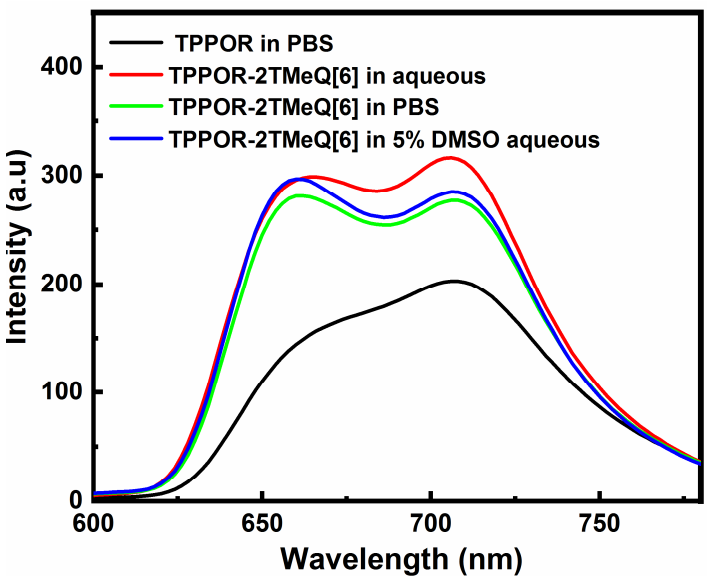


Figure S7. Fluorescence spectra of TPPOR-2TMeQ[6] (20 μM) in various solutions.

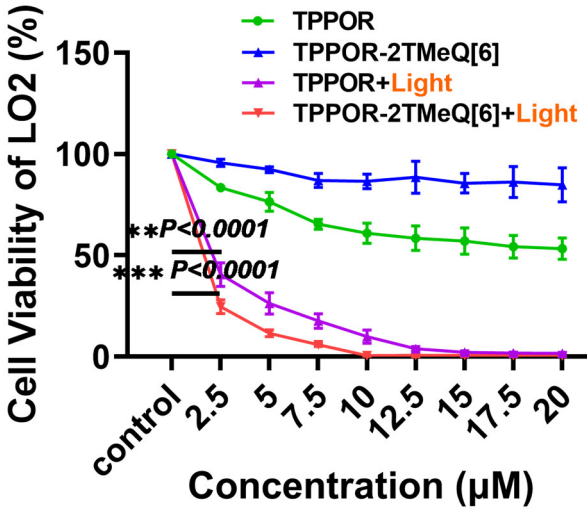


Figure S8. The cell viability of LO2 cells after treatment with different doses of TPPOR and TPPOR-2TMeQ[6] under 520 nm laser irradiation for 3 min (n = 3).

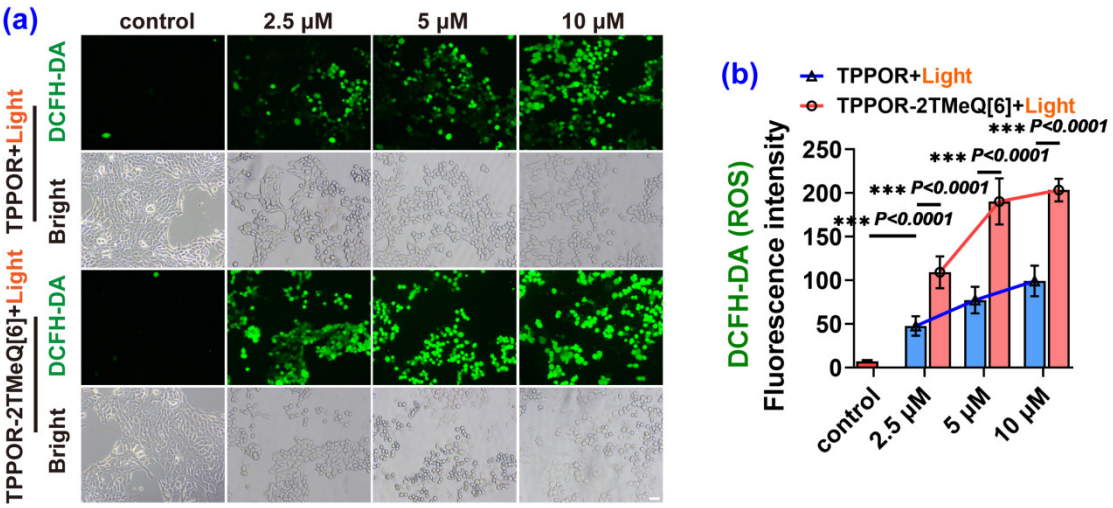


Figure S9. (a) The levels of intracellular ROS in 4T1 cells after treatment with different doses of TPPOR and TPPOR-2TMeQ[6] under 520 nm laser irradiation for 3 min, scale bar = 20 μm, (b) corresponding quantification of ROS (n = 10).