

Supporting Information

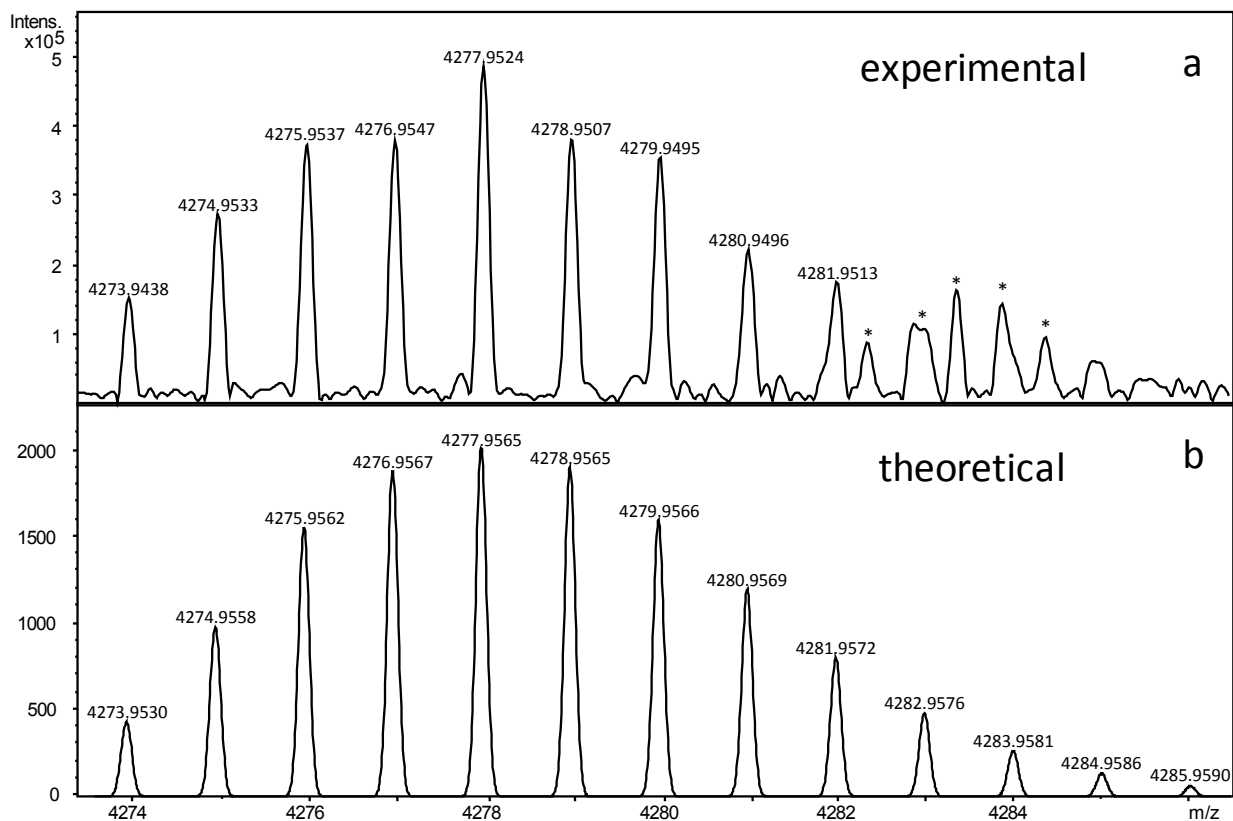


Figure S1: (MALDI-FTICR) mass spectra of (a) TQP3 (peaks with * are from an internal calibration standard, doubly charged ubiquitin) and (b) theoretical spectral distribution of compound ($C_{184}H_{176}N_{48}O_{56}S_8Zn$). The highest intensity signal from the synthesized compound (Figure S1a) measured at m/z 4277.9524 was compared to the theoretically calculated value at m/z 4277.9565 in Figure S1b which corresponds to <1 ppm error.

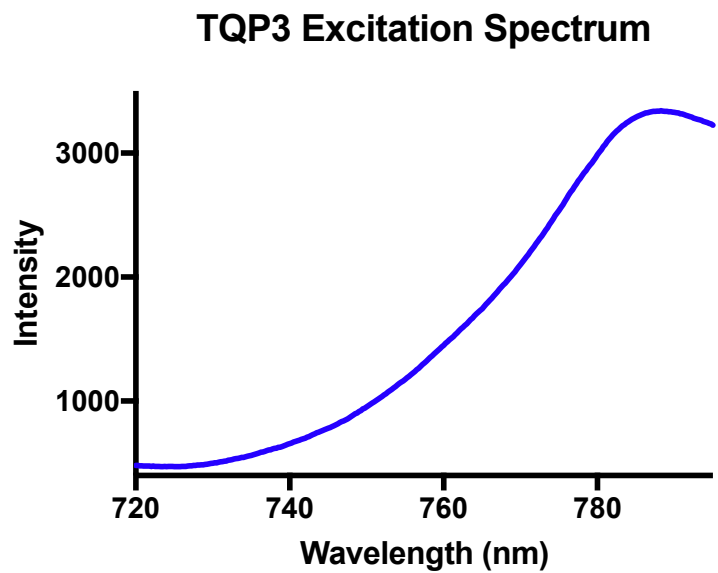


Figure S2. Excitation spectrum of TQP3 in DMSO with the emission at 800 nm.

Supporting Information

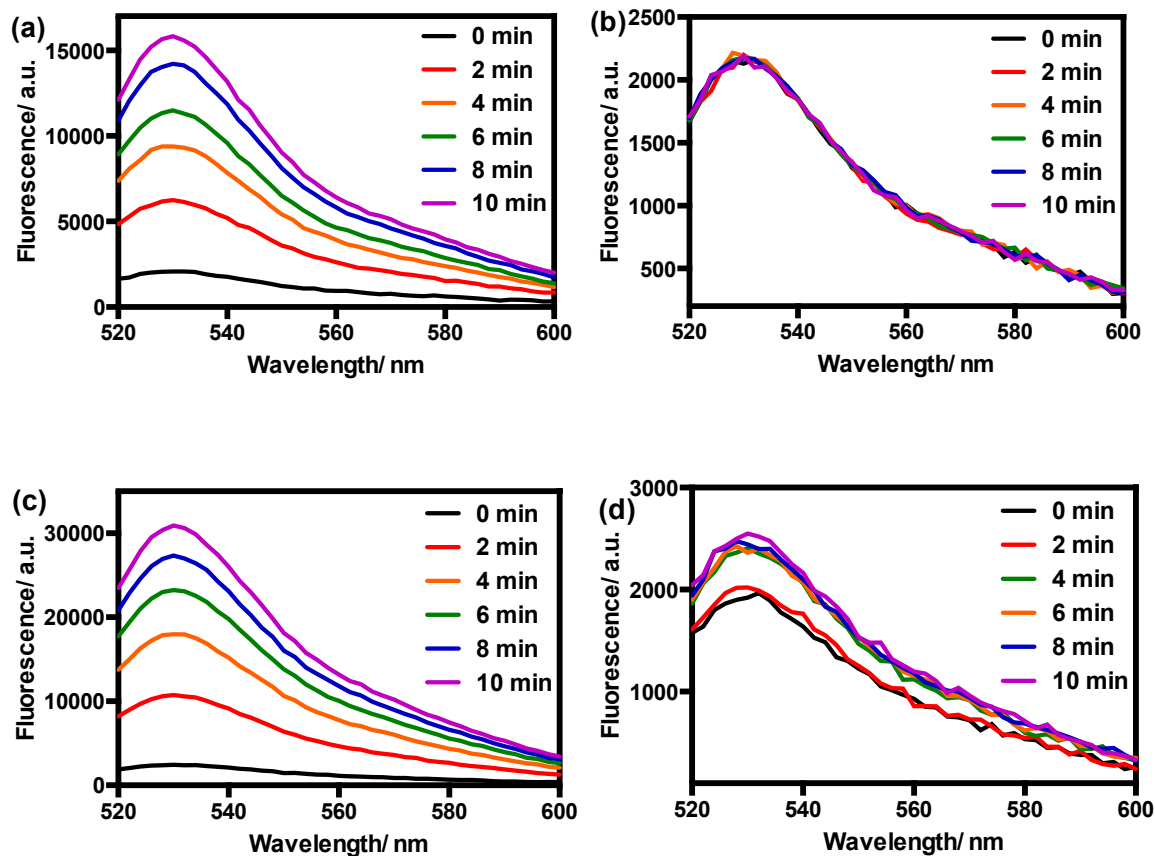


Fig. S3 The emission spectra change of SOSG (5 μ M) treated with TQP3-Na (1 μ M) incorporated in 0.01% Kolliphor RH40 in (a) RPMI with irradiation at 780 nm, (b) RPMI without light irradiation, (c) saline with irradiation at 780 nm, and (d) saline without light irradiation.

Supporting Information

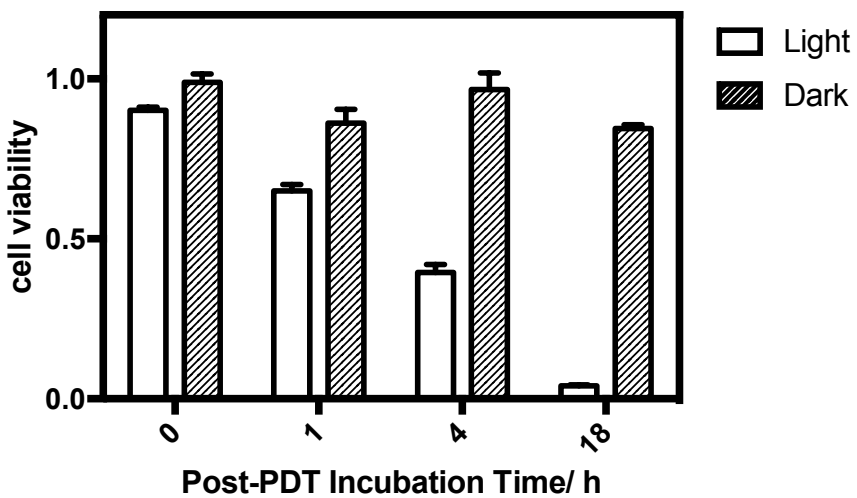


Fig. S4 The effect of post-PDT incubation time on the cell viability after treatment of **TQP3-Na-M** ($5\mu\text{M}$ TQP3-Na) and 30-minute NIR light irradiation.