

Supplementary Information

Singlet oxygen generation property of inclusion complex of cyclic free-base porphyrin dimer and fullerene C₆₀

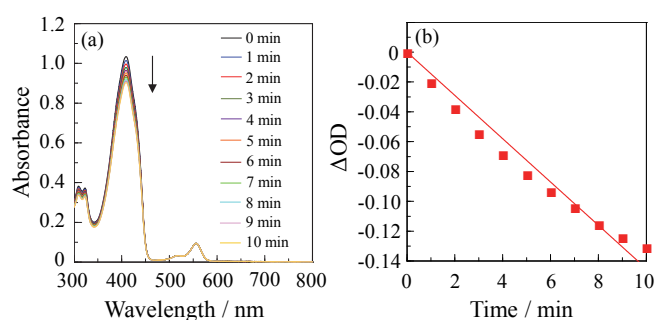
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Figs. S1 (a) Photoabsorption spectral change and (b) plot of ΔOD for DPBF against the photoirradiation time for the photooxidation of DPBF (Abs. = ca. 1.0) using Rose Bengal (1.26×10^{-6} M) as photosensitizer under photoirradiation with 509 nm ($300 \mu\text{W cm}^{-2}$) in methanol.

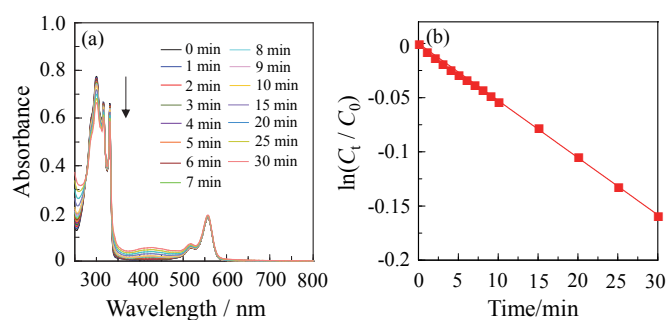


Fig. S2 (a) Photoabsorption spectral change and (b) plot of $\ln(C_t/C_0)$ for DHN against the photoirradiation time for the photooxidation of DHN ($C_0 = 1.0 \times 10^{-4}$ M) using Rose Bengal (2.5×10^{-6} M) as photosensitizer under photoirradiation with visible light (> 385 nm, 30 mW cm^{-2}) in $\text{CH}_2\text{Cl}_2/\text{MeOH}$ (= 1/1, v/v).