Photostabilization of Endogenous Porphyrins: Excited State Quenching by Fused Ring Cyanoacrylates.

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Fig. S1 Determination of the bimolecular quenching rate constant $k_q^S$ of quenching of PpIX and Pp-MelX fluorescence by molecular oxygen from the slope of the plot of the inverse fluorescence lifetime vs. the dissolved oxygen concentration. $\lambda_{ex} = 496$ nm; $\lambda_{em} = 630$ nm.
Fig. S2 Determination of the bimolecular quenching rate constants $k_q^T$ of quenching of PpIX and Pp-MeIX triplet states by molecular oxygen from the slope of the plot of the inverse triplet lifetime (monitored at 440 nm) vs. the dissolved oxygen concentration. $\lambda_{ex} = 532$ nm.
Fig. S3  Determination of the bimolecular quenching rate constants $k_q$ of quenching of singlet oxygen ($^1\text{O}_2$) by 1 and 2 from the slope of the plot of the inverse singlet oxygen lifetime (monitored by phosphorescence at 1270 nm) vs. the concentration of 1 and 2. Tetraphenylporphyrin (TPP) was used as $^1\text{O}_2$ sensitizer with $\lambda_{\text{ex}} = 532$ nm.