A New Phenol Red-Modified Porphyrin as Efficient Protein Photocleaving Agent

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1. $^1$H NMR spectra

Figure S1. $^1$H NMR spectrum of 5-(4'-Hydroxyphenyl)-10,15,20-triphenylporphyrin (HO-TPP) conducted with a 400MHz NMR spectrometer.
Figure S2. $^1$H NMR spectrum of 5-(4'-Bromobutoxyphenyl)-10,15,20-triphenylporphyrin (Br-TPP) conducted with a 400MHz NMR spectrometer.
Figure S3. $^1$H NMR spectrum of the synthesized phenol red modified porphyrin (R-TPP) conducted with a 400MHz NMR spectrometer.
2. $^{13}$C NMR spectra.

Figure S4. $^{13}$C NMR spectrum of the synthesized phenol red modified porphyrin (R-TPP) conducted with a 400MHz NMR spectrometer.
3. HRMR spectra.

Figure S5. HRMS spectrum of the synthesized phenol red modified porphyrin (R-TPP).