Supporting Information

of

Self-Delivery Photodynamic Nanoinhibitors for Tumor Targeted Therapy and Metastasis Inhibition

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Figure S1. ESI-MS of CAi-PEG₈-K-PpIX.



Figure S2. Zeta potential of PNI.



Figure S3. TEM image of PNI in physiological conditions (containing 10 % FBS). Scale bar: 400 nm.



Figure S4. CLSM images of 4T1 and COS7 cells after treatment with PpIX and

stained by Hoechst 33342.



Figure S5. CLSM images of 4T1 and COS7 cells after treatment with PNI and stained by Hoechst 33342.



Figure S6. (A) Chemical structure of PEG_8 -K(PpIX). (B) CLSM images of 4T1 and COS7 cells after treatment with PEG_8 -K(PpIX) and stained by Hoechst 33342.



Figure S7. Cell viabilities of COS7 and 4T1 cells after treatment with PpIX under light irradiation.



Figure S8. Cell viabilities of COS7 and 4T1 cells after treatment with PEG₈-K(PpIX) under light irradiation.



Figure S9. Cell viability of COS7 cells after treatment with PNI under light irradiation.



Figure S10. (A) The scratch assay of MDA-MB-231 cells after treatment with PEG₈-K(PpIX). (B) The migration and invasion of MDA-MB-231 cells after treatment with PEG₈-K(PpIX).



Figure S11. H&E staining images of heart, liver, spleen, lung and kidney.