

Article

Near-Infrared Light-Triggered Nitric Oxide Nanogenerators for NO-Photothermal Synergistic Cancer Therapy

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Supplementary Figures

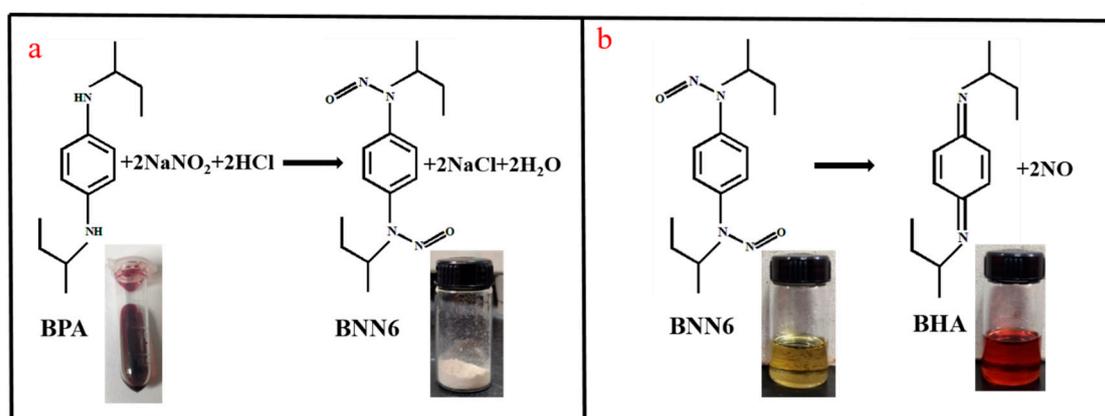


Figure S1. (a) The synthesis route of BNN6 and the change from red liquid to beige solid in the reaction process (inset digital pictures); (b) The decomposition route of BNN6 and the color change during decomposition (inset digital pictures).

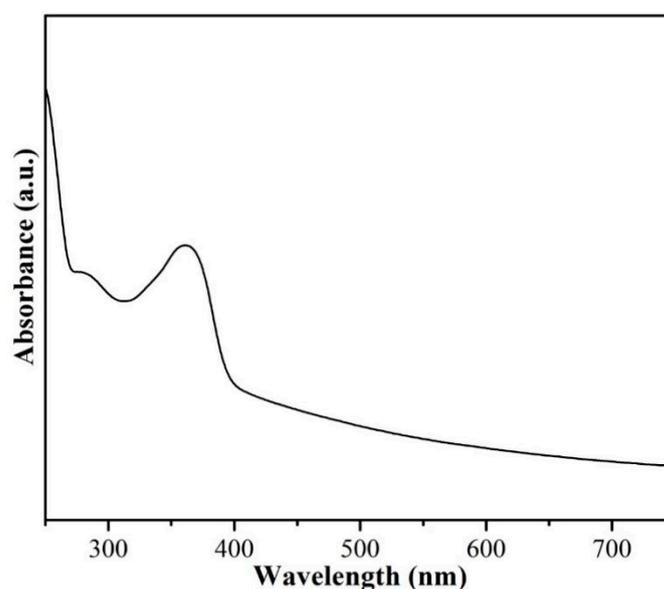


Figure S2. UV-vis absorption spectra of BNN6.

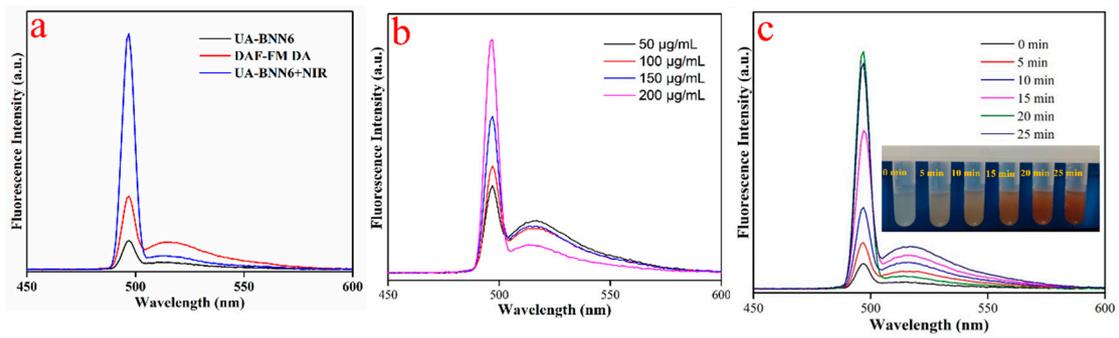


Figure S3. (a) Fluorescence curve of DAF-FM DA, of UA-BNN6 and of UA-BNN6+NIR. (b) Fluorescence curves of PBS solutions of UA-BNN6 with different concentrations after irradiation by NIR (808 nm, 1.0 W cm⁻²). (c) Fluorescence curve of UA-BNN6 PBS solution (200 µg/mL) after by irradiation NIR for different time. Inset: the color change during decomposition.

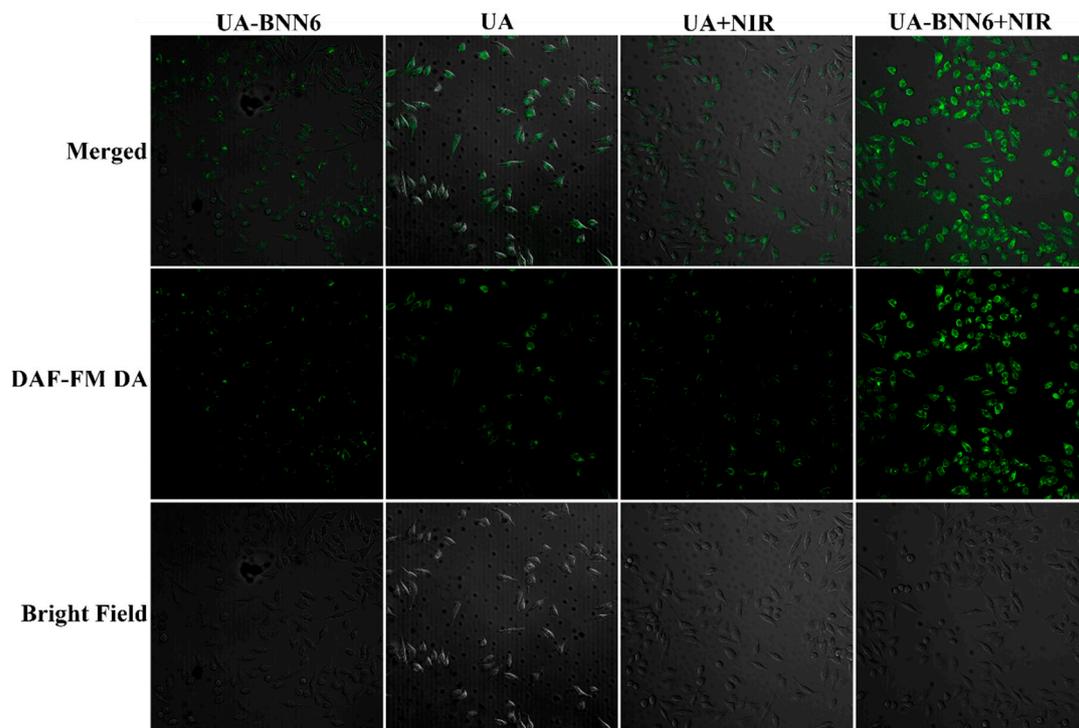


Figure S4. Confocal images of intracellular generation of NO in HeLa cells after treatment with UA, UA-BNN6, UA+NIR and UA-BNN6+NIR.

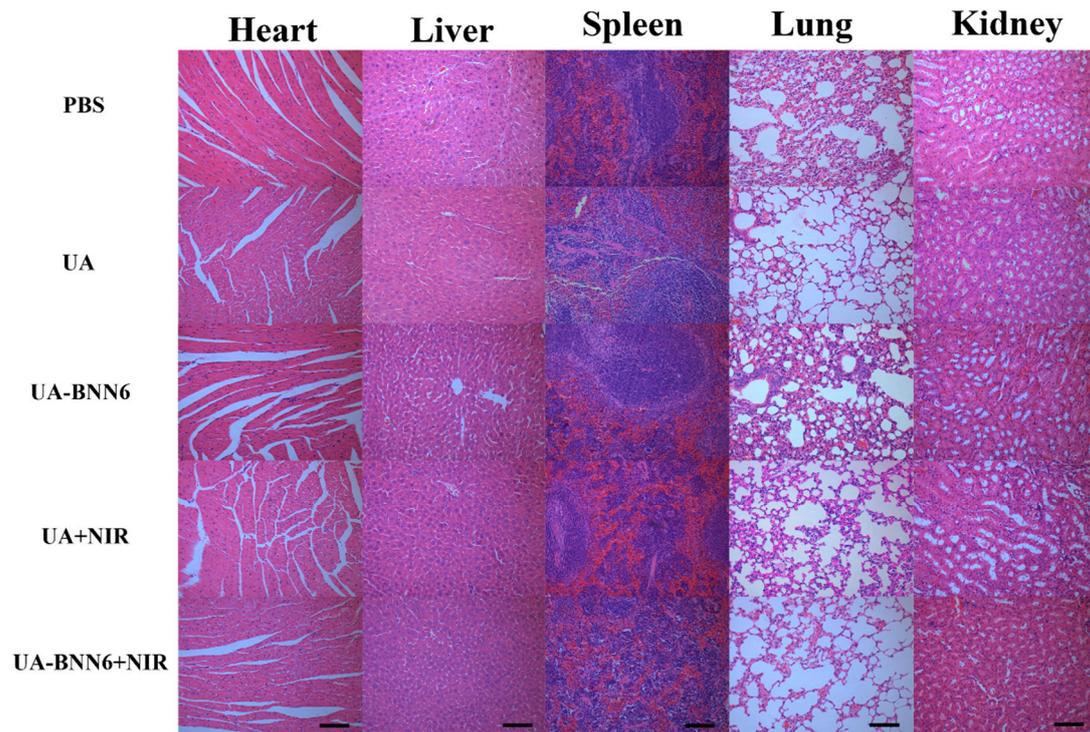


Figure S5. H&E staining of tissue sections of main organs and tumors in nude mice (scale bars 100 μm).