Electronic Supplementary Material (ESI)

Nitric Oxide-Sensitized Mitoxantrone Chemotherapy Integrated with Photothermal Therapy against Multidrug Resistant Tumor

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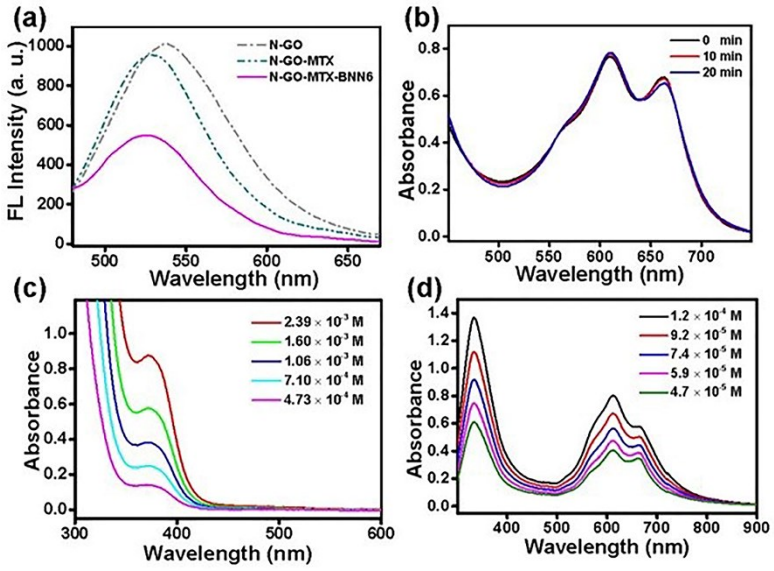

Fig. S1 (a) The fluorescence intensity of N-GO, N-GO-MTX and N-GO-MTX-BNN6 NPs. (b) Absorption curves of N-GO-MTX-BNN6 NPs mixed Griess reagents under dark condition. (c, d) Absorbance curves of BNN6 and MTX solution at different concentrations.

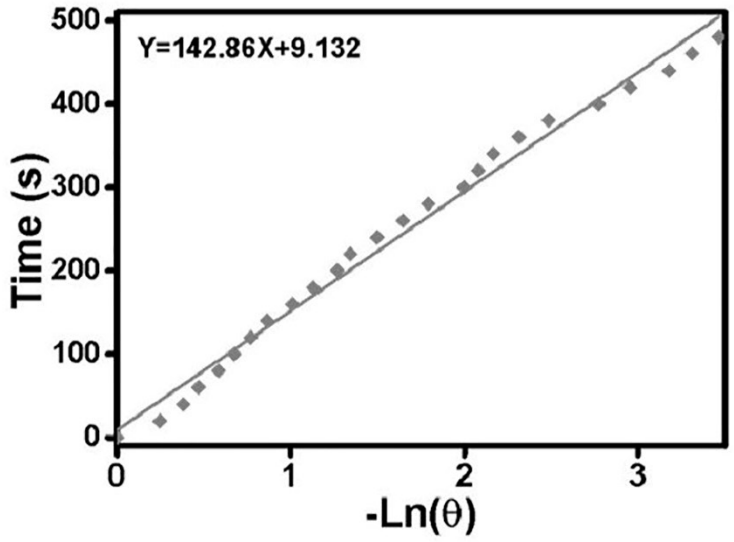

Fig. S2 Linear cooling time vs-ln(θ) obtained from Fig. 3g.

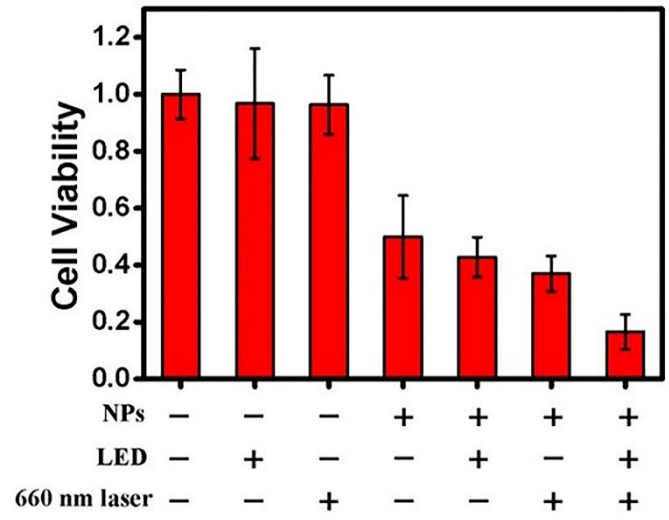

Fig. S3 Cell viability of MCF-7 cells in different conditions.

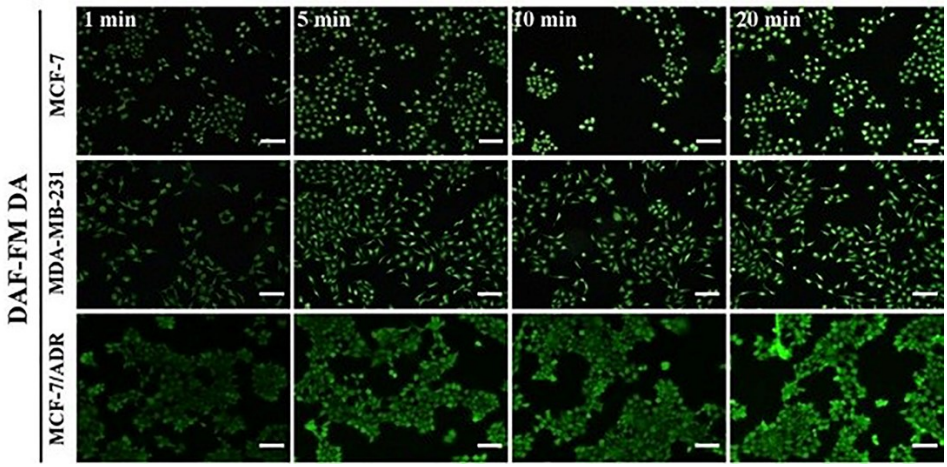

Fig. S4 Fluorescence Images of DAF-FM DA stained MCF-7, MDA-MB-231 and MCF-7/ADR cells treated with different irradiation time. Scale bar: 50 μm.

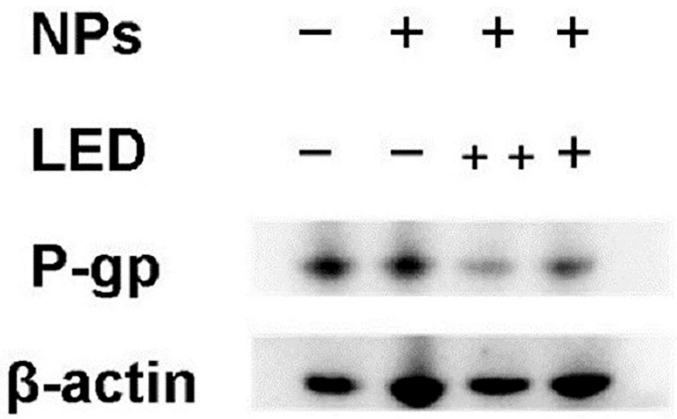

Fig. S5 MCF-7/ADR cells treated with none (left), N-GO-MTX-BNN6 NPs (middle), N-GO-MTX-BNN6 NPs and LED irradiation (20 min, middle), N-GO-MTX-BNN6 NPs and LED irradiation (10 min, right), respectively.