



Supporting Information

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Periodic Mesoporous Organosilica Coated Prussian Blue
for MR/PA Dual-Modal Imaging-Guided Photothermal-
Chemotherapy of Triple Negative Breast Cancer

*Wei Tian, Yunyan Su, Ying Tian, Shouju Wang, Xiaodan Su,
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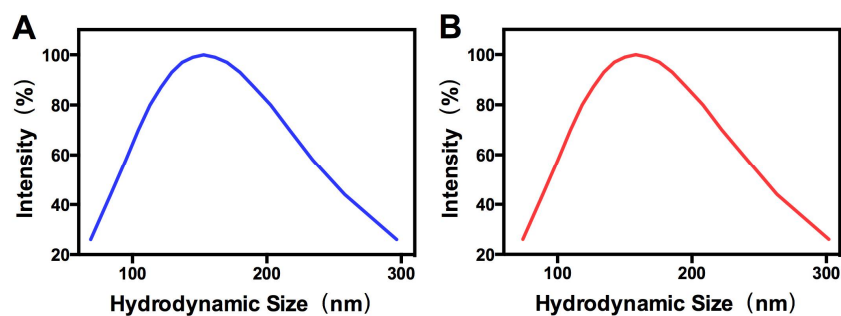


Figure S1. The hydrodynamic diameter of the PB@PMO in the PBS (A) and cell culture medium (B).

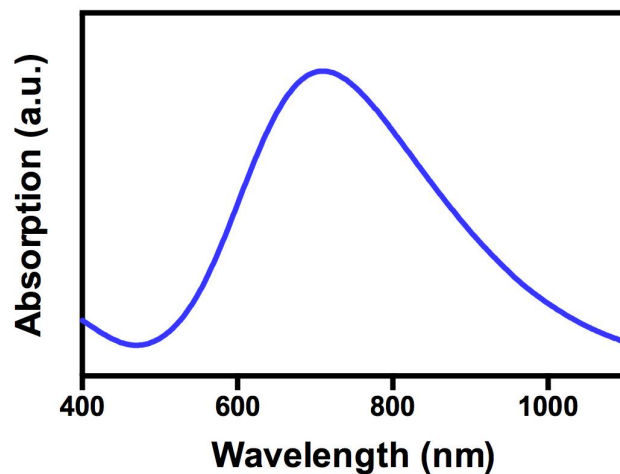


Figure S2. UV-vis absorbance spectra of PB nanocubes.

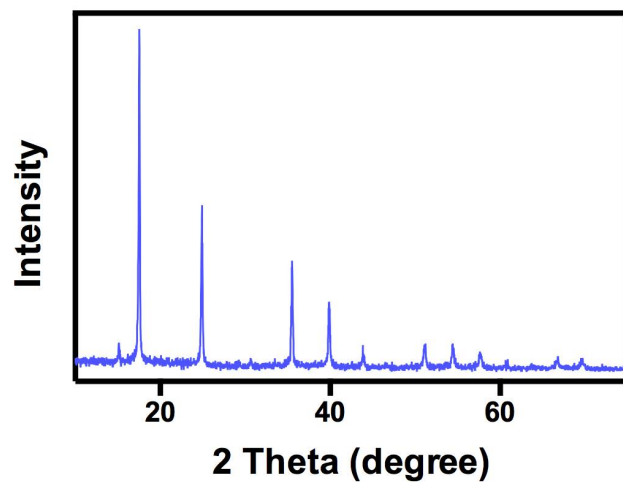


Figure S3. XRD pattern of PB nanocubes.

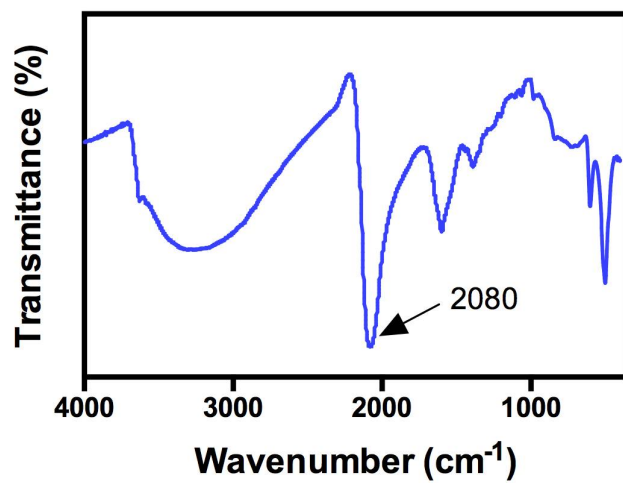


Figure S4. FT-IR spectra of PB nanocubes.

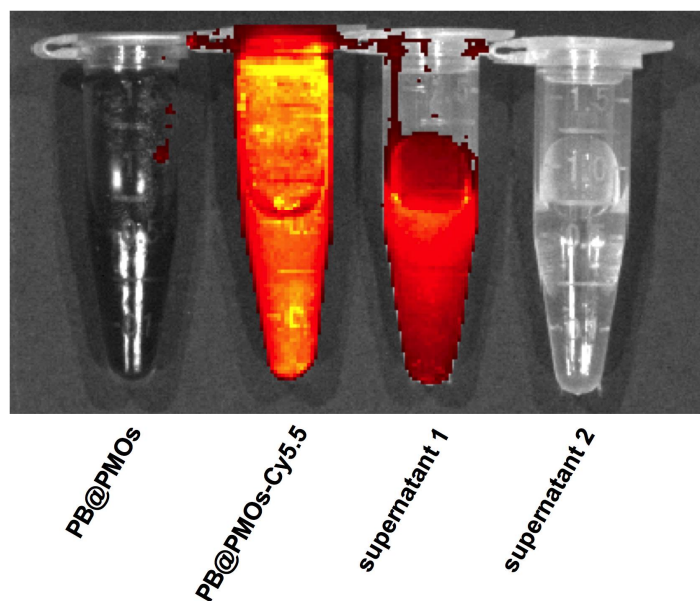


Figure S5. The fluorescence imaging of PB@PMOs, PB@PMOs-Cy5.5, the supernatant of the reaction solution of PB@PMOs and Cy5.5-maleimide (supernatant 1) and the supernatant of the obtained PB@PMOs-Cy5.5 after washing with water for one (supernatant 2). The results confirmed the successful connecting of Cy5.5 on the PB@PMOs.

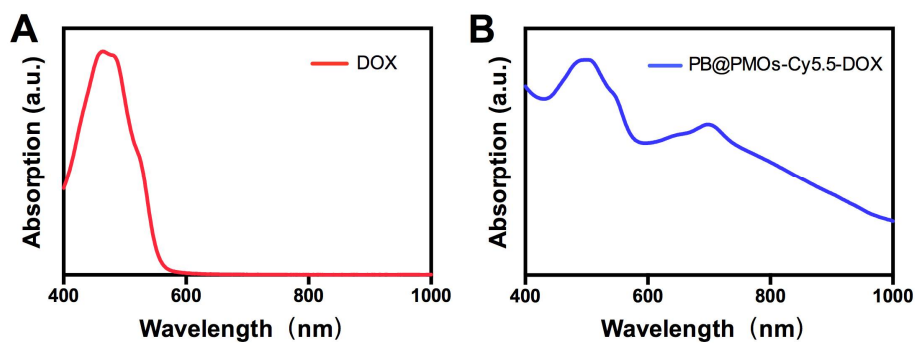


Figure S6. UV-vis absorbance spectra of (A) DOX and (B) PB@PMOs-Cy5.5-DOX.

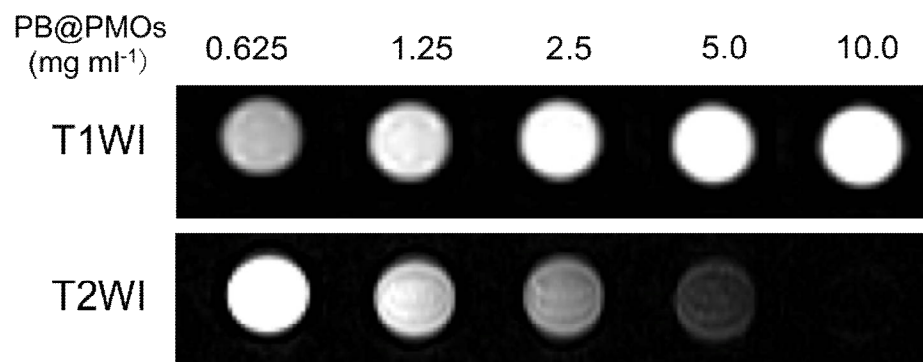


Figure S7. T1 and T2 weighted MR images of the PB@PMOs at different concentrations.