

Supporting information for

PEG Conjugated BODIPY-Br₂ as Macro-Photosensitizer for Efficient Imaging-guided Photodynamic Therapy

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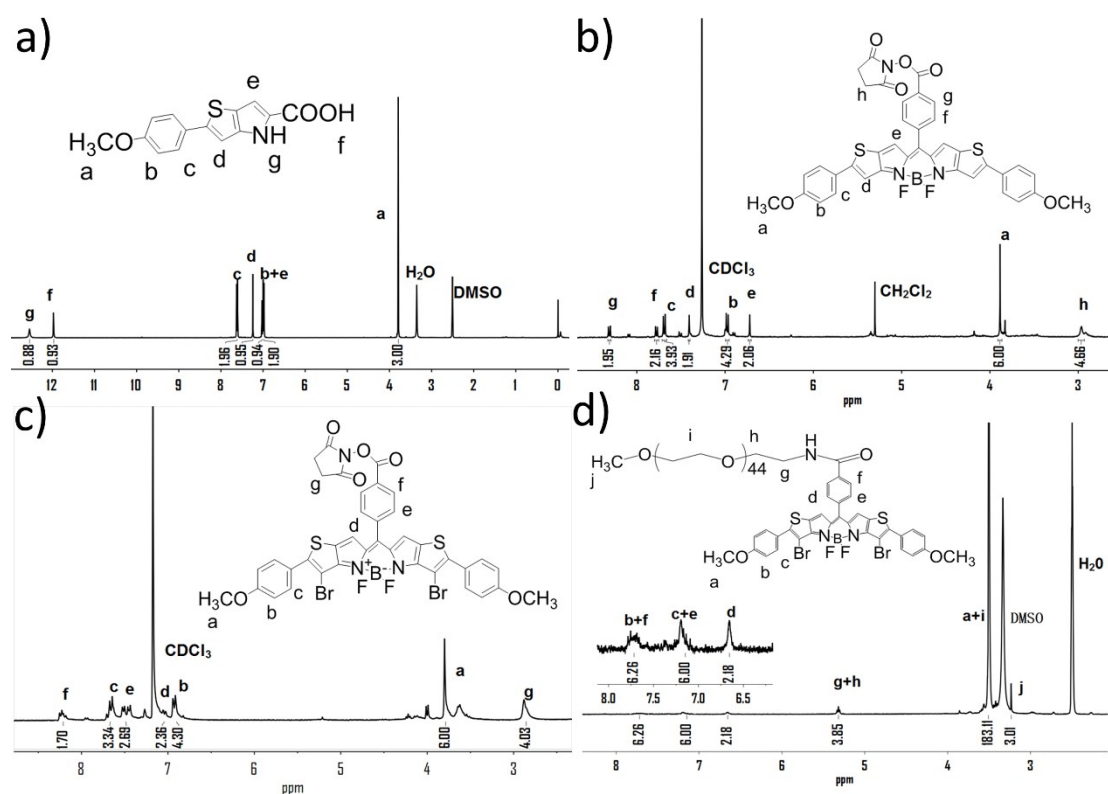


Figure S1. ¹H NMR spectra of 2-(4-Methoxyphenyl)-4H-thieno[3,2-b]pyrrole-5-carboxylic acid (compound 1, a), NHS-BDP (b), BDP-Br (c) and PEG-BDP (d).

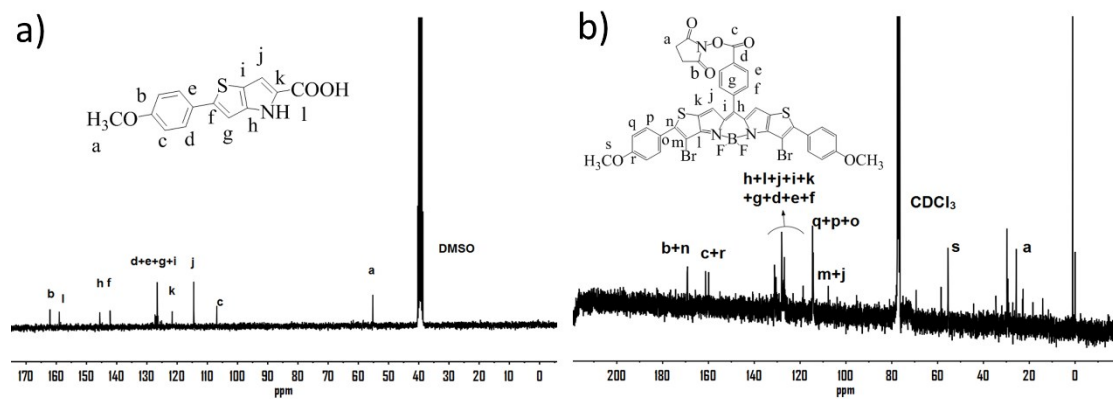


Figure S2. ^{13}C NMR spectra of 2-(4-Methoxyphenyl)-4H-thieno[3,2-b]pyrrole-5-carboxylic acid (compound 1, a) and BDP-Br (b).

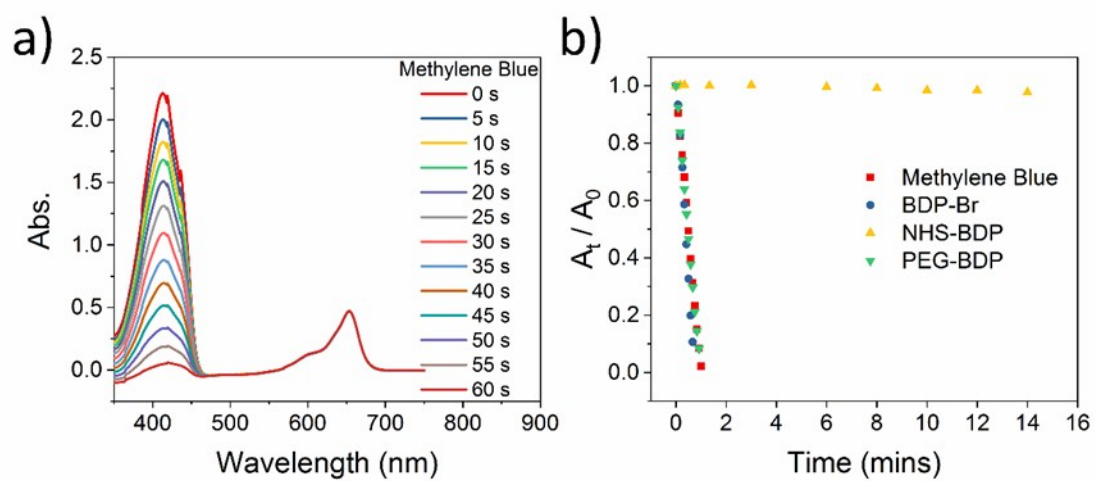


Figure S3. Absorbance decline of the reference compound methylene blue upon 660 nm laser irradiation (a). Comparison of the singlet oxygen ($^1\text{O}_2$) generation abilities of each photosensitizer (b).

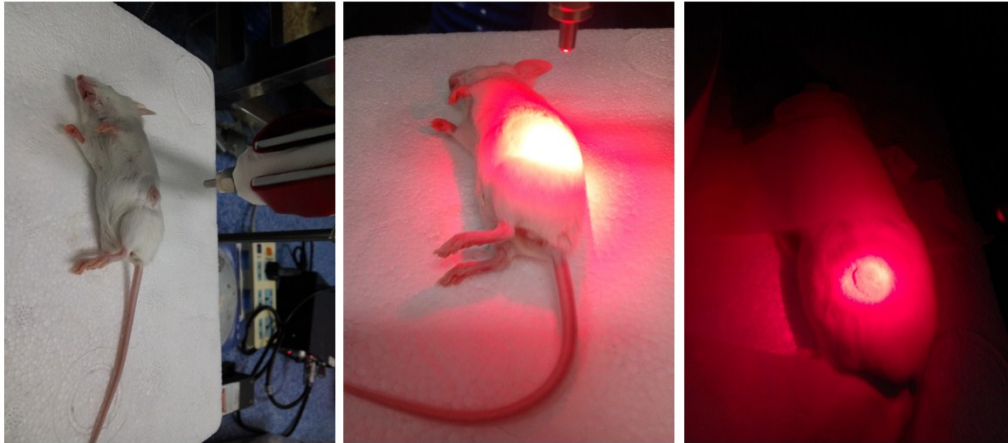


Figure S4. Photograph of laser treatment on 4T1 tumor model bearing BALB/c mice.

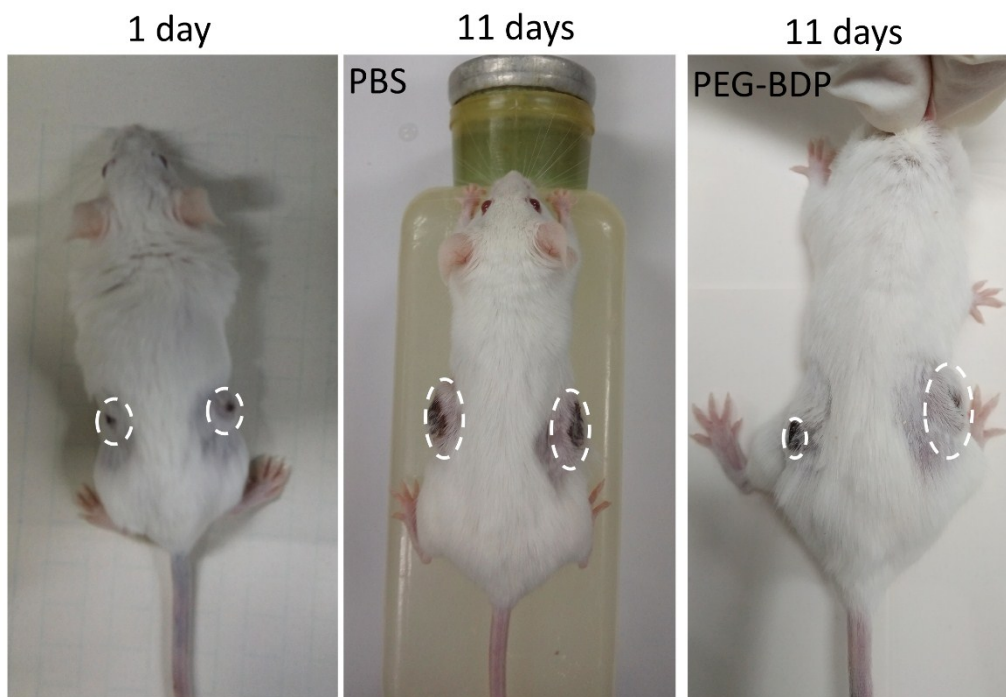


Figure S5. Images of tumor bearing mice in each group with different tumor volume after 11 days treatment.