NIR Organic Dyes based on Phenazine-cyanine for Photoacoustic Imaging-guided Photothermal Therapy

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Supporting Information



Fig. S1 A/A $_0$ of **PH-1**, **PH-2** and ICG exposed to white light for different time.



Fig. S2 Photothermal stability of **PH-1@HSA** in PBS buffer (pH = 7.4).



Fig. S3 Photohermal stability of **PH-2@HSA** in PBS buffer (pH = 7.4).



Fig. S4 Relative cell viability of PH-1@HSA (inhabited for 48 h with different concentration).



Fig. S5 Relative cell viability of **PH-1@HSA** with or without laser (the black is NPs only, the red is NPs with 808 nm laser).



Fig. S6 The daylight images of mice before and after PTT.













Fig. S11 ¹H NMR spectrum of **PH-1** in DMSO-*d*₆



Fig. S12¹³C NMR spectrum of **PH-1** in DMSO-*d*₆

Elemental Composition Report



Fig. S13 High resolution mass spectrum of PH-1



Fig. S14 ¹H NMR spectrum of PH-2 in DMSO-d₆

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Fig. S16 High resolution mass spectrum of PH-2