Supporting Information

A New Near-infrared Light-sensitive Micelle for Enhanced Intracellular Drug Delivery

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Scheme S1. Structural change of DNQ after Wolff Rearrangement.

Scheme S2. Synthesis of Dex-DNQ amphiphilic copolymers.
**Fig. S1.** (A) Linear relationship between the UV absorbance at 403 nm and the concentration of sc-DNQ in DMSO; (B) UV-vis spectra of sc-DNQ in DMSO at various concentrations.

**Fig. S2.** $^1$H NMR spectra of Dex-DNQ micelle in D$_2$O (a) and the micelle changed into hydrophilic Dex-IC chains after irradiation (b).