## Chemosensitivity Enhanced by Autophagy Inhibition Based on

## **Polycationic Nano Drug Carrier**

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## **Supporting Information**



**Figure S1.** The <sup>1</sup>H NMR spectrum of mPEG-b-P(DPA-b-DMAEMA).



**Figure S2.** The AO-staining images (A) and the corresponding quantitative analysis (B) of HEK-293T cells treated with 100  $\mu$ g/mL PEDD-Ms for 24 h or without treatment. After treated with PEDD-Ms, the representative confocal images (C) of HEK-293T cells that stably expressed GFP-LC3 were obtained and analyzed quantitatively (D). The protein bands (E) and the semi-quantified results of LC3 (F) and p62 (G) of treated and non-treated HEK-293T cells (n = 3). \* p < 0.05, \*\* p < 0.01.