Supporting Information

pH-Responsive polymer/mesoporous silica nano-container through an acid cleavable linker for intracellular controlled release and tumor therapy in vivo

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Fig. S1 FT-IR spectra of (a) MSN, (b) MSN-COOH, (c) ACL-MSN, (d) PAA-ACL-MSN, and (e) PAA-ACL-MSN with acid treatment.
**Fig. S2** TGA curves of ACL-MSN, and PAA-ACL-MSN.

**Fig. S3** A linear relation of bioluminescence intensity, compared to different numbers of HNE-1 cells. (a) Bioluminescence imaging of HNE-1 cells (10^4, 5000, 2500, 1250, 625). Bioluminescence was visualized by using a Lumina II imaging system (Xenogen). (b) Corresponding bioluminescence intensity curves of (a).