Visible-light degradable polymer coated hollow mesoporous silica nanoparticles for controlled drug release and cell imaging

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Supplementary Information
**Fig. S1** $^1$HNMR spectra of HAMAFA-$b$-MAPS

**Fig. S2** $^1$HNMR spectra of the photocleavage of HAMA-$b$-MAPS

**Fig. S3** GPC of the photocleavage of HAMA-$b$-MAPS
**Fig. S4** The fluorescence emission spectrum of CRHMS@HFMP

**Fig. S5** Enlarged TEM images of the nanocomposites

**Fig. S6** UV-Vis spectra of nanocomposites
Fig. S7 N$_2$ adsorption–desorption isotherm and the corresponding pore size distribution inset of HMS, CRHMS and DOX@CRHMS