

Supporting Information

Synthesis of hollow BaSO₄ nanospheres templated on core-shell-corona type micelles

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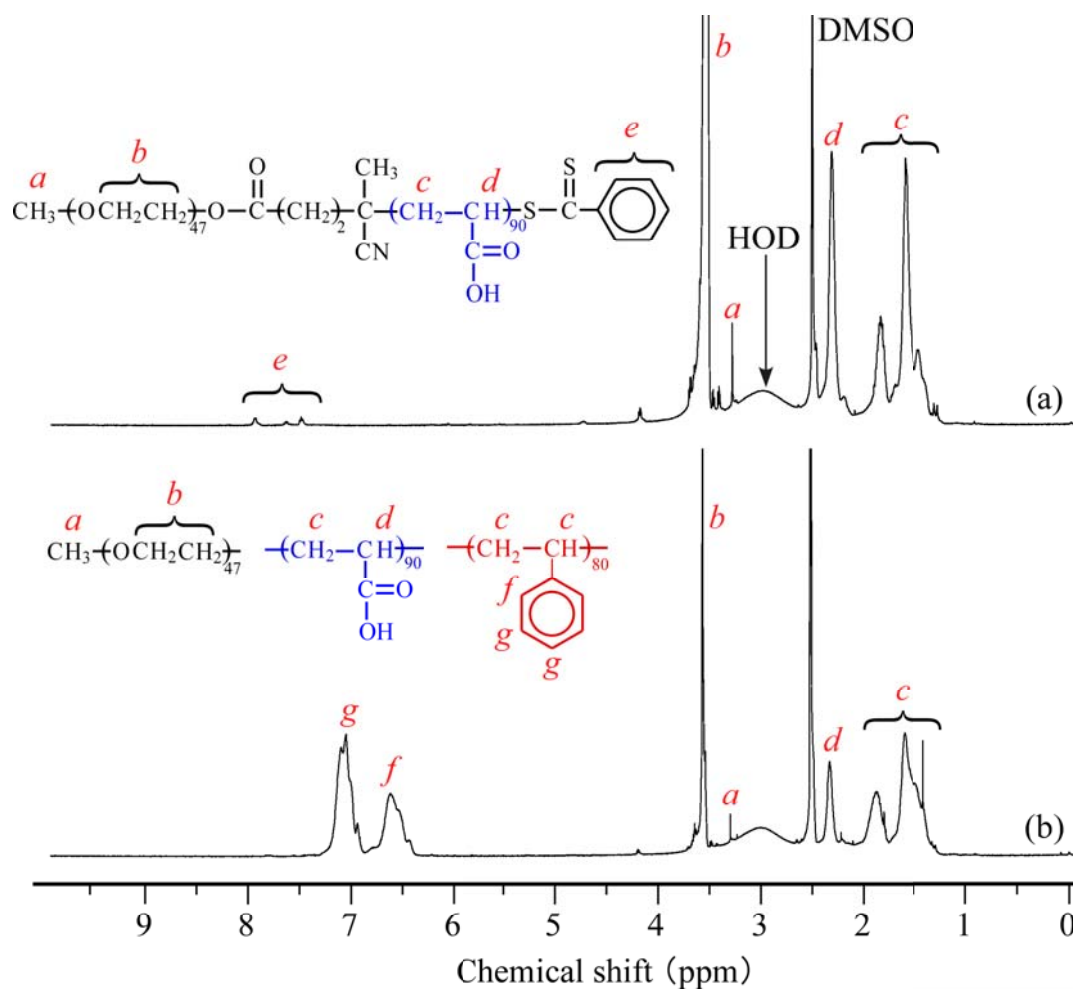


Fig. S1 500 MHz ¹H NMR spectra of (a) PEG-*b*-PAA and (b) PEG-*b*-PAA-*b*-PS in DMSO-*d*₆ at 100 °C along with the corresponding assignments.

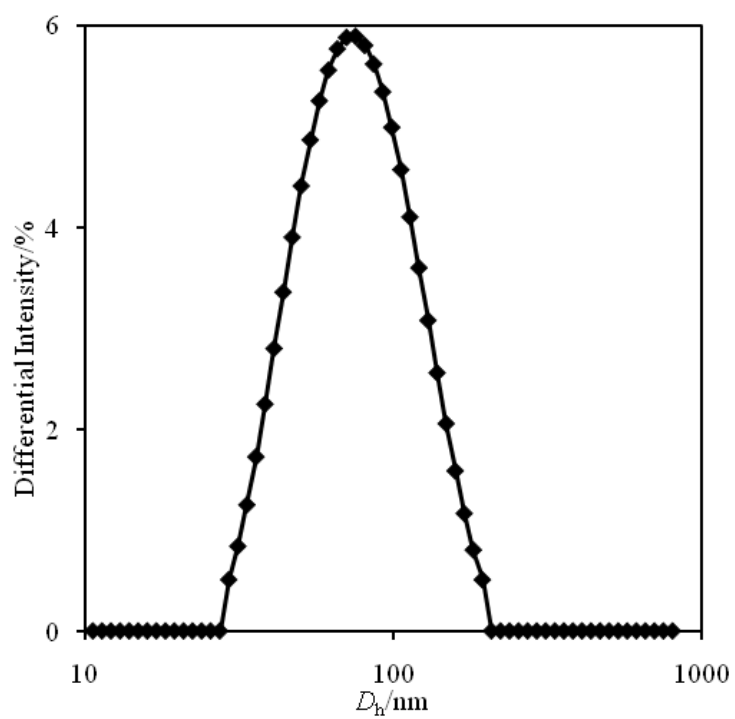


Fig. S2 Intensity weighted contin plots for PS-*b*-PAA-*b*-PEG micelles

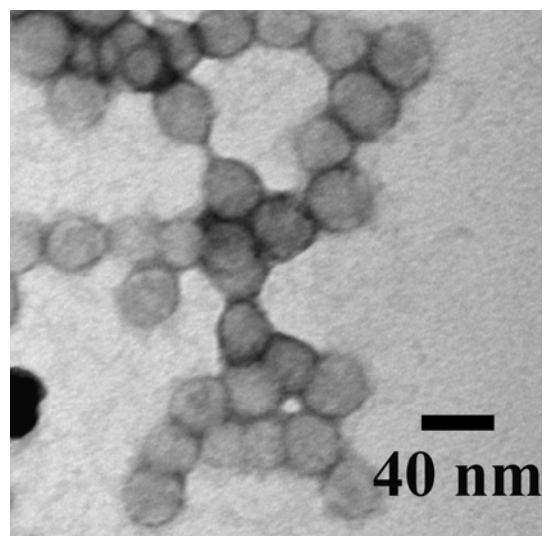


Fig.S3 TEM image of BaSO₄/PS-*b*-PAA-*b*-PEG nanocomposites prior to calcination.

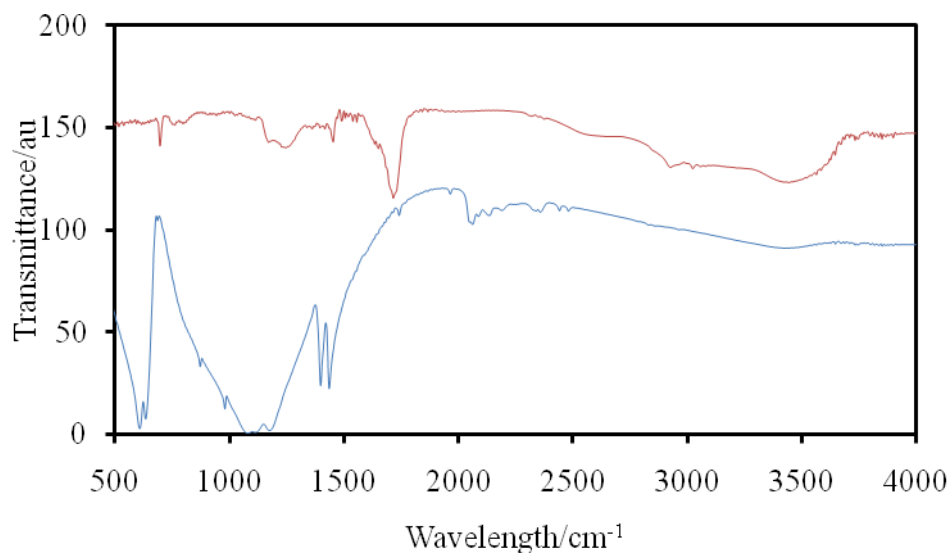


Fig. S4 FTIR spectra of polymer template (—) and hollow BaSO₄ nanospheres (—).

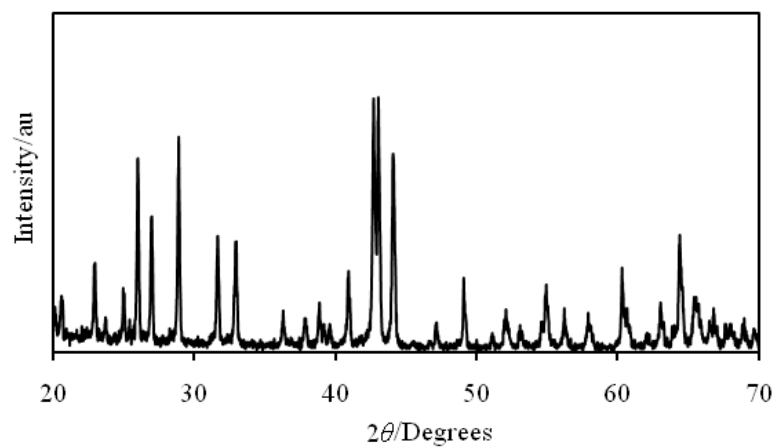


Fig. S5 XRD patterns of hollow BaSO₄ nanospheres.