Supporting Information

Controlled Release of an Anti-cancer Drug-Paclitaxel by Using Nano-structured Amphiphilic Star-Hyperbranched Blockcopolymers

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Figure S1. $^1$H NMR spectra of hyperbranched PMMA and star-hyperbranched PMMA-b-PHEMA-1 copolymer.
Figure S2. FT-IR spectra of hyperbranched PMMA (A) and PMMA-\textit{b}-PHEMA-1 (B) copolymer.
Figure S3. The particle size of the PTX-loaded PMMA-b-PHEMA-1 (A) and PMMA-b-PHEMA-2 (B) in different pH conditions.
Figure S4. TEM image of PTX-loaded PMMA-b-PHEMA-1 copolymer.