Electronic supplementary information (ESI)

Self-Assemblies from Six-Arm Star Triblock ABC Copolymer: pH-Tunable Morphologies and Drug Release

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Figure S1. $^1$H NMR spectrum of s-(PDEA)$_6$ (400 MHz).

Figure S2. $^1$H NMR spectrum of s-(PDEA-b-PMMA)$_6$ (400 MHz).
Figure S3. $^1$H NMR spectrum of s-(PDEA-b-PMMA-b-PPEGMA)$_6$ (400 MHz).

Figure S4. DRI signals of SEC/MALLS measurements of s-(PDEA-b-PMMA-b-PPEGMA)$_6$ and its precursors.
Figure S5. The intensity ratios ($I_{386}/I_{375}$) as function of logarithm of s-(PDEA-b-PMMA-b-PPEGMA)$_6$ concentrations in aqueous solutions of different pH.

Figure S6. DLS measurement results of NP10.5 at pH 10.5, NP7.4 at pH 7.4 and NP2.0 at pH 2.0.
**Figure S7.** PDI values of NP10.5, NP7.4 and NP2.0 as a function of pH (polymer concentration, 0.05 mg/mL).

**Figure S8.** Diameter changes of NP10.5 (a) and NP2.0 (b) under the alternation pH between 10.5 and 2.0 (polymer concentration, 0.05 mg/mL).

**Figure S9.** Molecular structure of celecoxib.