Supplementary Materials: Preparation of Well-defined Propargyl-terminated Tetra-arm Poly(*N*-isopropylacrylamide)s and Their Click Hydrogels Crosslinked with β-cyclodextrin

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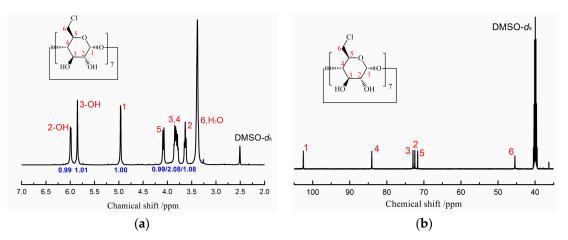


Figure S1. ¹H NMR (a) and ¹³C NMR (b) spectra of β -CD-Cl₇.

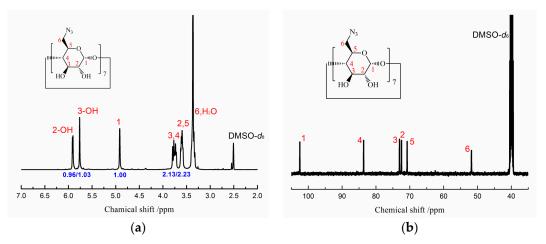


Figure S2. ¹H NMR (a) and ¹³C NMR (b) spectra of β -CD-(N₃)7.

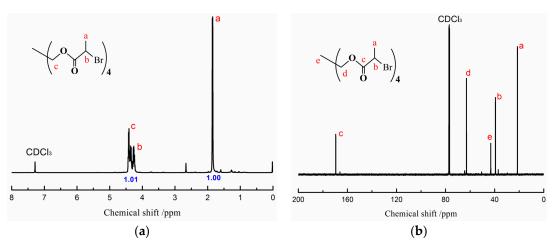


Figure S3. ¹H NMR (a) and ¹³C NMR (b) spectra of PTB.

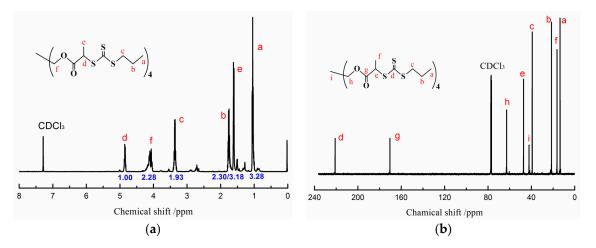


Figure S4. ¹H NMR (a) and ¹³C NMR (b) spectra of star-CTA.

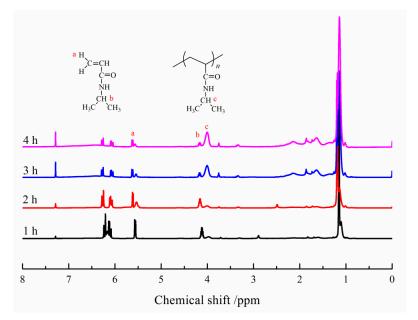


Figure S5. ¹H NMR spectra of NIPA polymerization systems at different times, which was used to calculate monomer conversion. The polymerization condition is as follows: [NIPA]/[star-CTA]/[AIBN]=167/1/0.2, the monomer concentration in THF is 25 wt %, polymerization temperature is 70°C.

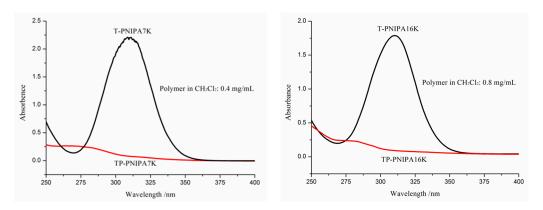


Figure S6. Cont.

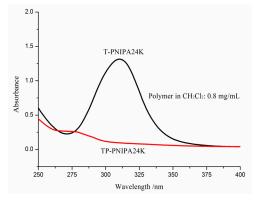


Figure S6. UV traces of PNIPAs before and after modification.

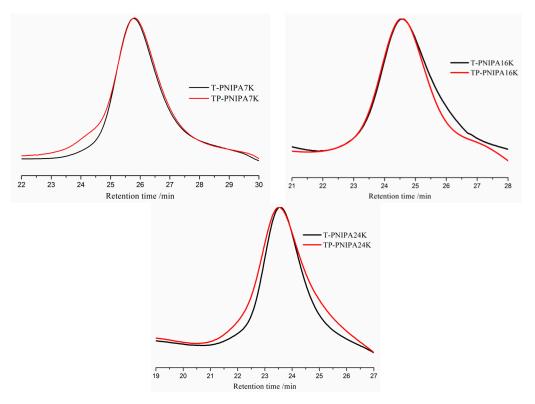


Figure S7. GPC traces of PNIPAs before and after modification.



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