

Electronic Supplementary Information

**Swelling and mechanical properties of thermoresponsive/hydrophilic
conetworks with crosslinked domain structure prepared from various triblock
precursors**

Shohei Ida, Miki Morimura, Hironobu Kitanaka, Yoshitsugu Hirokawa, and Shokyoku Kanaoka

Department of Materials Science, The University of Shiga Prefecture,

2500 Hassaka, Hikone, Shiga 522-8533, Japan

E-mail: ida.s@mat.usp.ac.jp, kanaoka.s@mat.usp.ac.jp

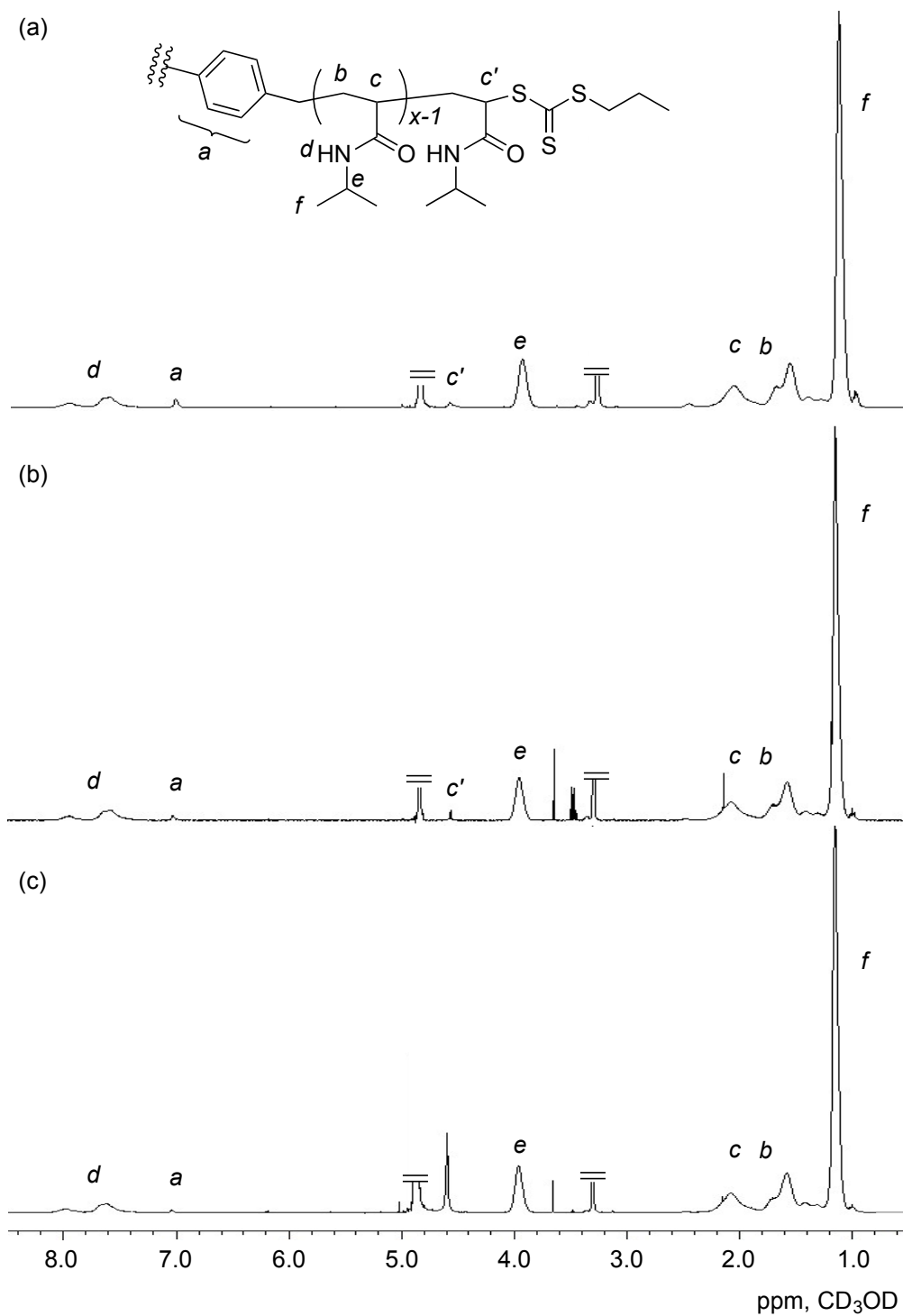


Fig. S1 ¹H NMR spectra of PNIPAAm macro-CTAs prepared by RAFT polymerization: (a) **N1**, (b) **N2**, and (c) **N3**. Polymerization condition: see Table 1.

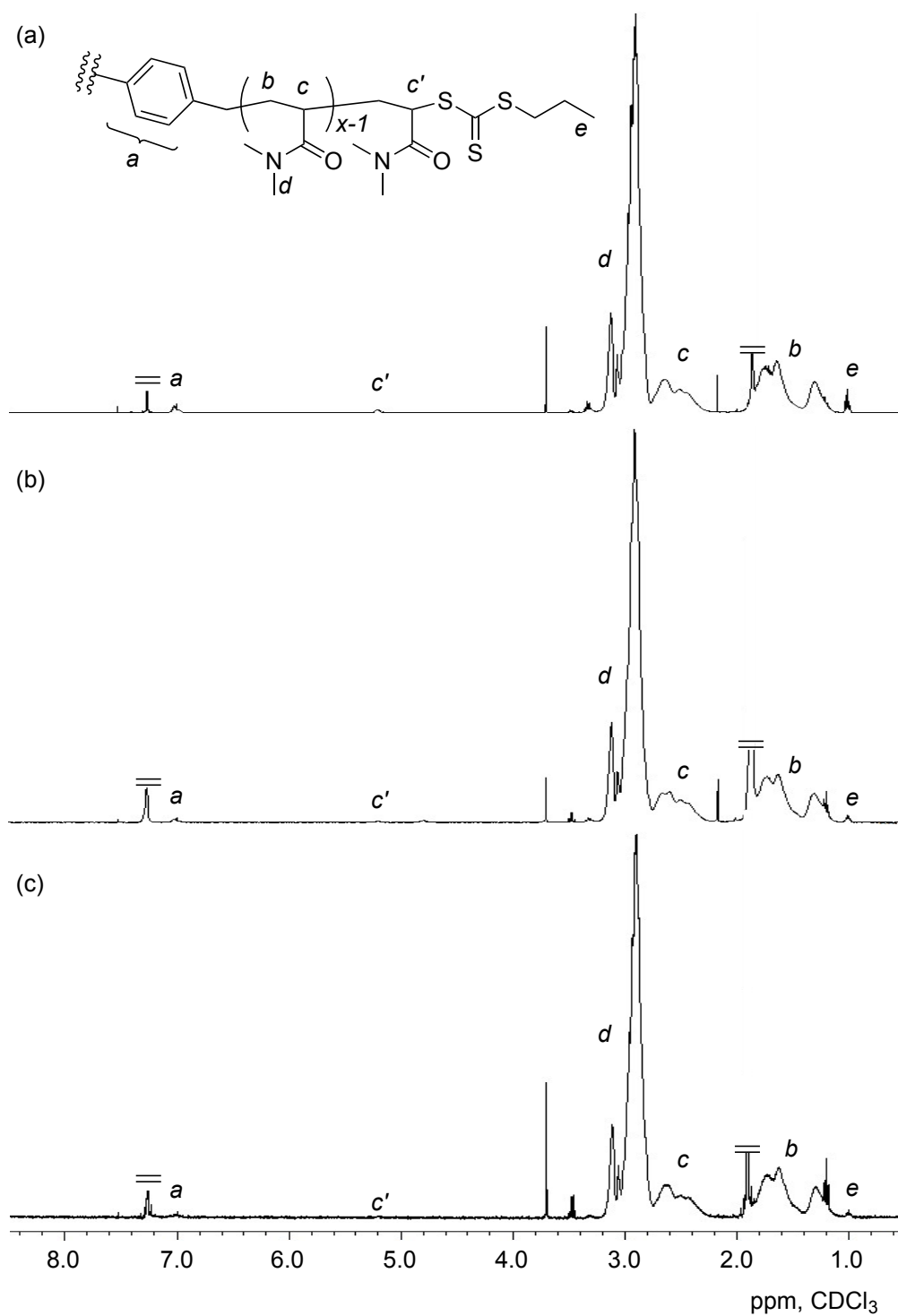


Fig. S2 ^1H NMR spectra of PDMAAm macro-CTAs prepared by RAFT polymerization: (a) **D1**, (b) **D2**, and (c) **D3**. Polymerization condition: see Table 1.

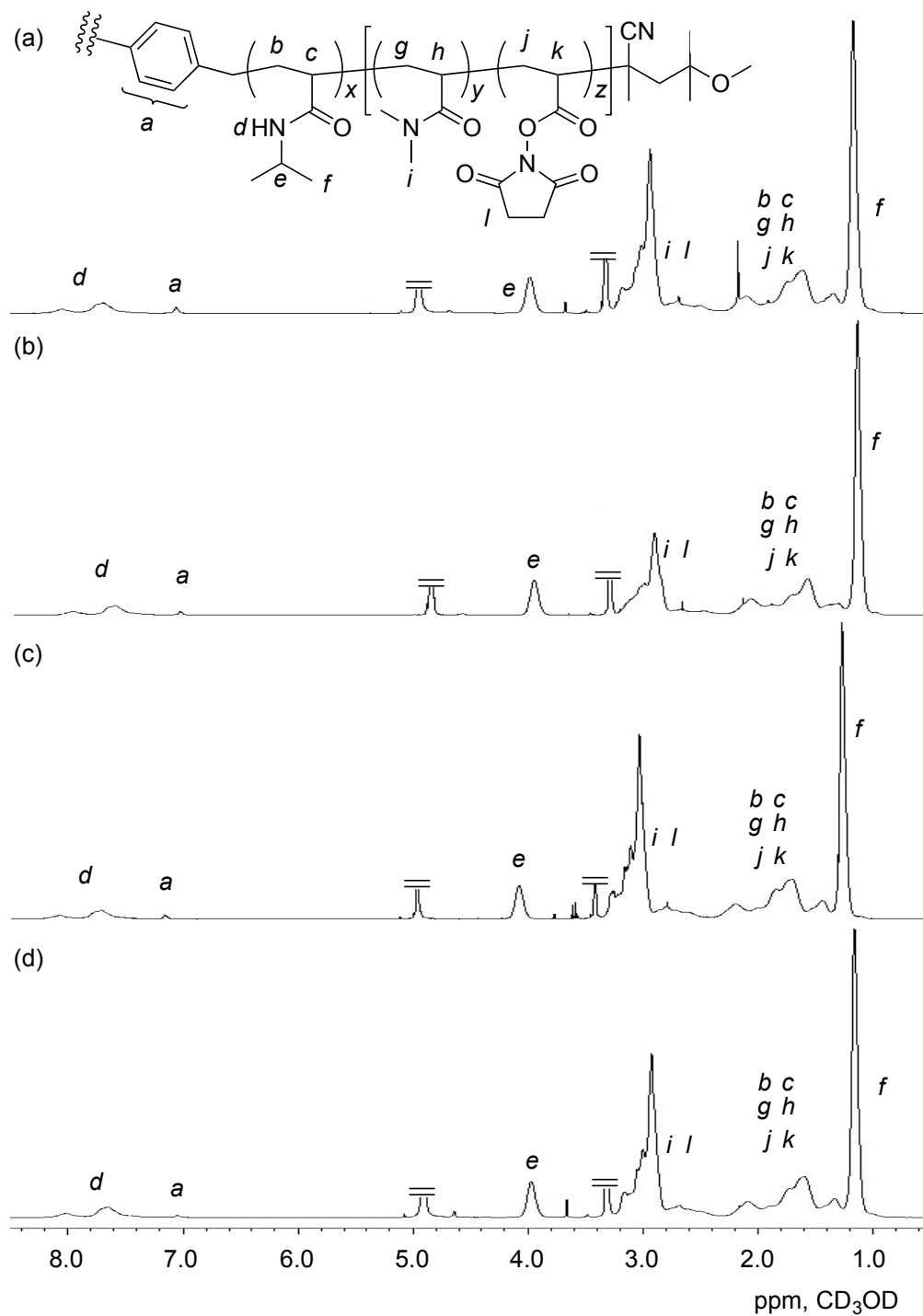


Fig. S3 ^1H NMR spectra of triblock precursor polymers with DND sequence prepared by RAFT block polymerization: (a) **DND1**, (b) **DND2**, (c) **DND3**, and (d) **DND4**. Polymerization condition: see Table 2.

