

Supplementary Information

**Thermoresponsive Supramolecular Dendronized Copolymers with Tunable Phase
Transition Temperatures**

Jiatao Yan,^{†, ‡} Xiaoqian Zhang,[‡] Wen Li,^{*, ‡} Xiuqiang Zhang,[‡] Kun Liu,[‡] Peiyi Wu,^{*, †} and
Afang Zhang^{*, ‡}

[†] The Key Laboratory of Molecular Engineering of Polymers, Ministry of Education,
Department of Macromolecular Science and Laboratory of Advanced Materials

Fudan University

Handan Street 220, Shanghai 200433 (China)

E-mail: peiyiwu@fudan.edu.cn

[‡] Department of Polymer Materials

Shanghai University

Chengzhong Street 20, Shanghai 201800 (China)

Fax: (+) 86-21-69982827

E-mails: wli@shu.edu.cn, azhang@shu.edu.cn

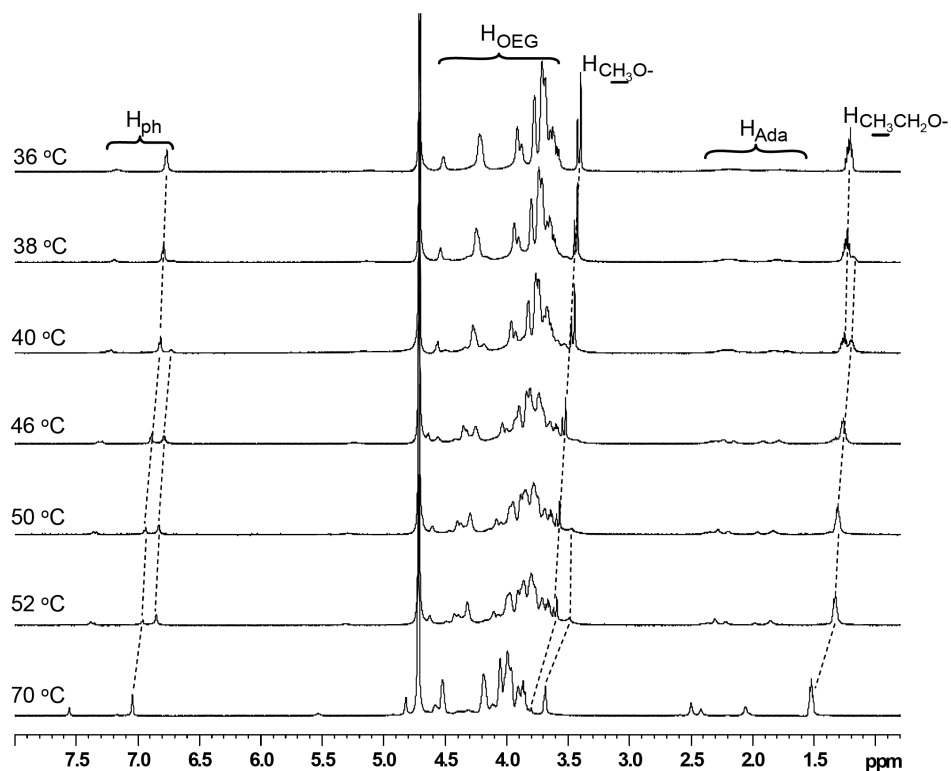


Fig. S1 Temperature-varied ¹H NMR spectra of aqueous solution of SDCP (1 wt%) with 1:1 MeG2-Ada/EtG2-Ada molar ratio. The dot lines are guide for eyes.

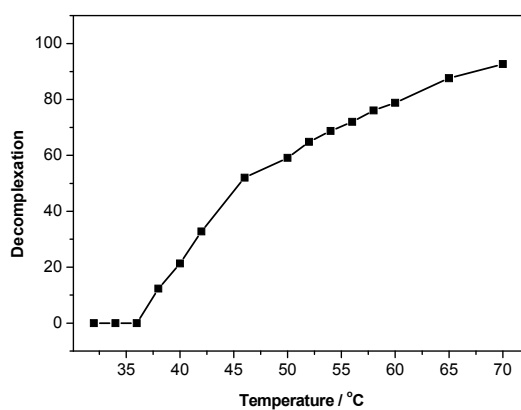


Fig. S2 Plots of disassociation percentage vs temperature for 1 wt% aqueous solutions of SDCPs with 1:1 MeG2-Ada/EtG2-Ada molar ratio. The split signals at $\delta = 7.0$ were selected for the calculation.