

*Supporting Information for*

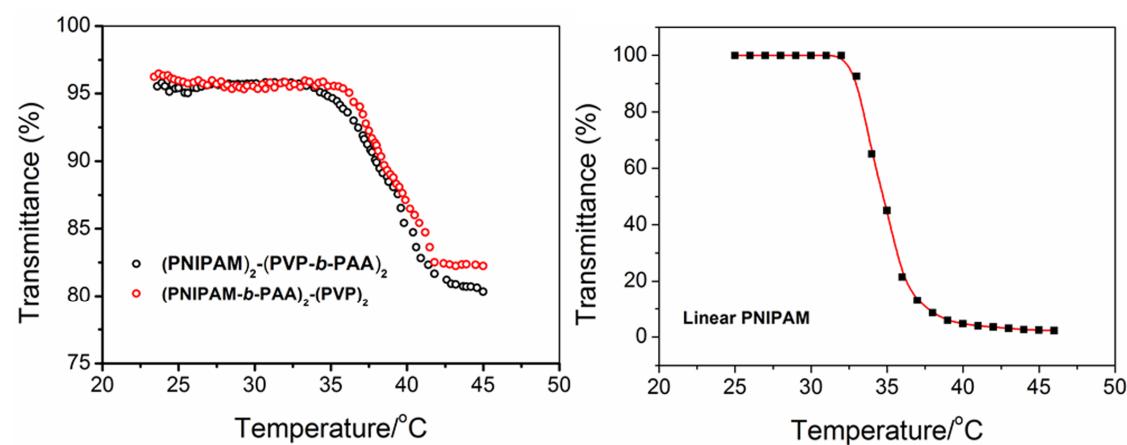
# Effect of structural constraint on dynamic self-assembly behavior of PNIPAM-based nonlinear multihydrophilic block copolymers

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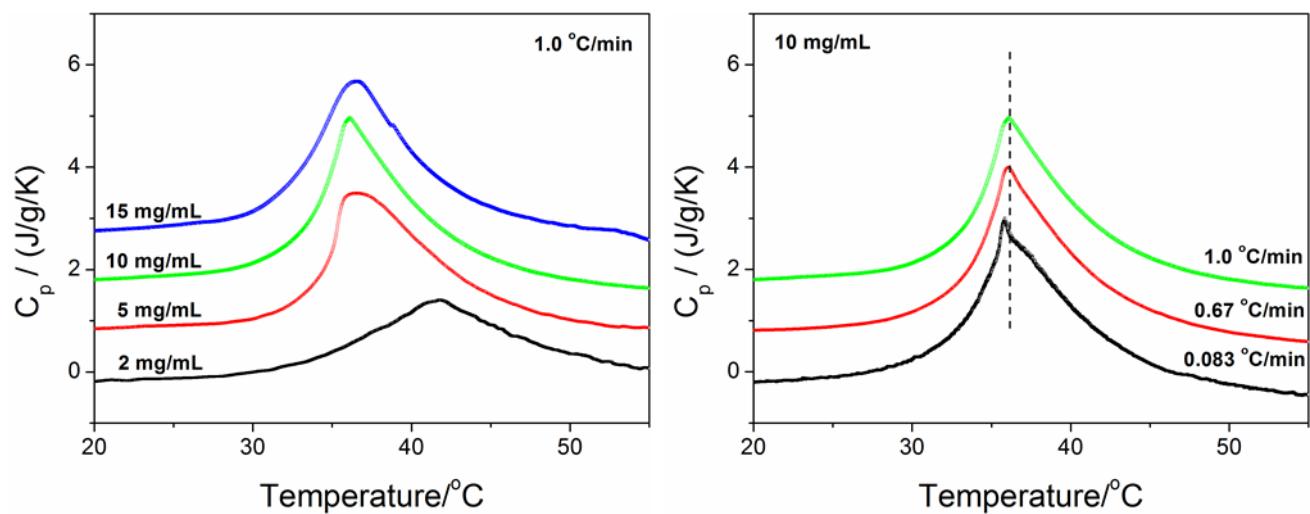
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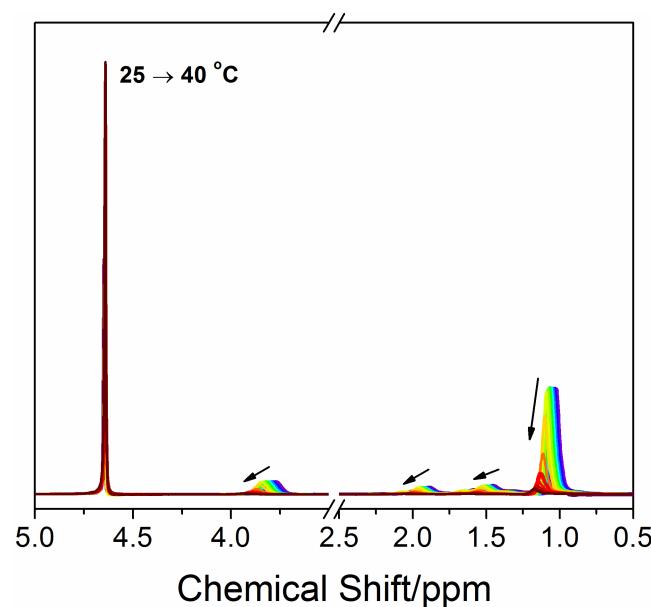
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**Fig. S1** Temperature-dependent turbidity curves of the aqueous solutions of PNIPAM and MHBCs (0.5 mg/mL). The left figure for MHBC is reproduced from ref. 36 in the article.



**Fig. S2** Micro-DSC heating curves of  $(\text{PNIPAM}-b\text{-PAA})_2\text{-(PVP)}_2$  in  $\text{H}_2\text{O}$  at different concentrations and scanning rates.



**Fig. S3** Normalized temperature-variable  $^1\text{H}$  NMR spectra of linear PNIPAM in  $\text{D}_2\text{O}$  (10 wt%) from 25 to 40 °C with an increment of 1 °C.