Electronic Supplementary Material (ESI) for Polymer Chemistry.
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Supporting Information

Synthesis and Thermoresponsive Property of Four-Arm Star-Shaped Poly(N-isopropylacrylamide)s Bearing Covalent and Non-Covalent Cores



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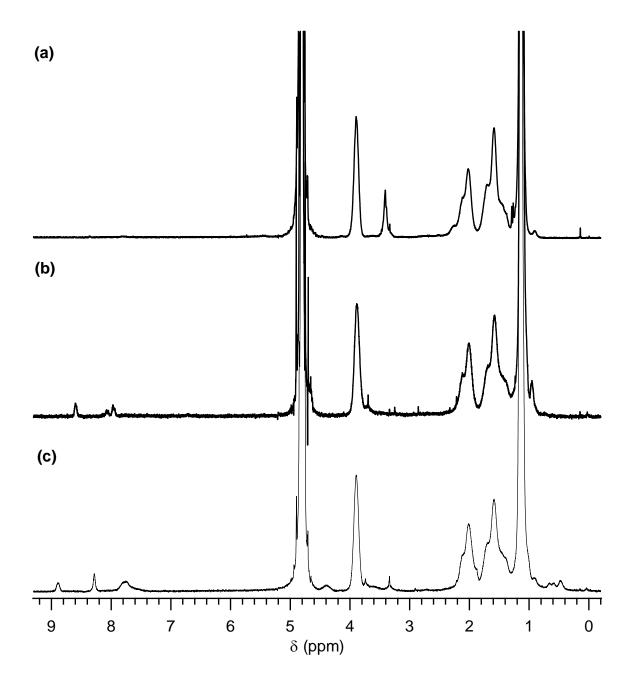


Figure S1. ¹H NMR spectra of (a) 1a, (b) 4a, and (c) 5a in CDCl₃.

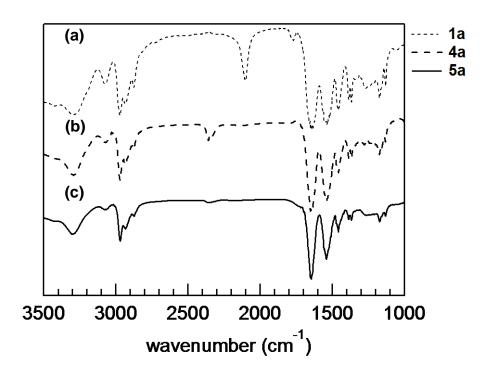


Figure S2. FT-IR spectra of (a) 1a, (b) 4a, and (c) 5a.

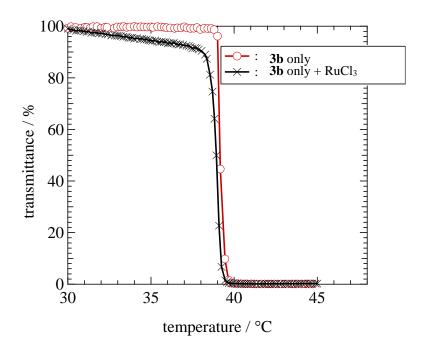


Figure S3. Temperature dependence of optical transmittance at 500 nm obtained for 2 mg mL⁻¹ aqueous solution of **3b** before (red) and after (black) adding RuCl₃.