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Supporting information for Self-assembly of Azobenzene-based Two-component Gels

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Fig. S1 ¹H NMR of PDNA in CDCl₃.



Fig. S2 ¹H NMR of C12Ph in CDCl₃.



Fig. S3 ¹H NMR of C18Ph in CDCl₃.



Fig. S4 Amplitude sweep eheomerty data (storage modulus G' and loss modulus G'' vs shear strain $lg\gamma$) for the gel (1 :1, 1.0 mg/mL) at 20 °C (angular frequency: 6.28 rad/s).



Fig. S5 ¹H NMR spectra of **C12Ph**, **PDNA**, and the red solid obtained from gel by centrifugation in CDCl₃.



Fig. S6 IR spectra of C12Ph and PDNA in solid state, and red solid from wet gel.



Fig. S7 Optical microscope (a and b) and SEM (c and d) images of cyclohexane gels for complexes of 3 :1 and 4 :1, respectively.



Fig. S8 Absorption spectra of the complex (C12Ph/PDNA = 4/1) in cyclohexane at different concentrations at room temperature.