Supporting Information

Intramolecular-initiating Photopolymerization Behavior of Nanogel with Capability of Reducing Shrinkage

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Figure S1. FTIR spectrum of Si-HBP10.
Figure S2. FTIR spectrum of Si-HBP20.
Figure S3. FTIR spectrum of Si-HBP30.
Figure S4. FTIR spectrum of Si-HBP40
Figure S5. FTIR spectrum of Si-HBP50
Figure S6. $^1$H NMR spectrum of Si-HBP10.
Figure S7. $^1$H NMR spectrum of Si-HBP20.
Figure S8. $^1$H NMR spectrum of Si-HBP30.
Figure S9. $^1$H NMR spectrum of Si-HBP40.
**Figure S10.** $^1$H NMR spectrum of Si-HBP50.
Figure S11. $^{29}$Si NMR spectra of nanogels.
**Figure S12.** ESI-MS spectrum of the HPLC extractive at 0.82 min
Figure S13. ESI-MS spectrum of the HPLC extractive at 1.02 min