

Fig. S1 DSC curves of TC6 in the first heating run.

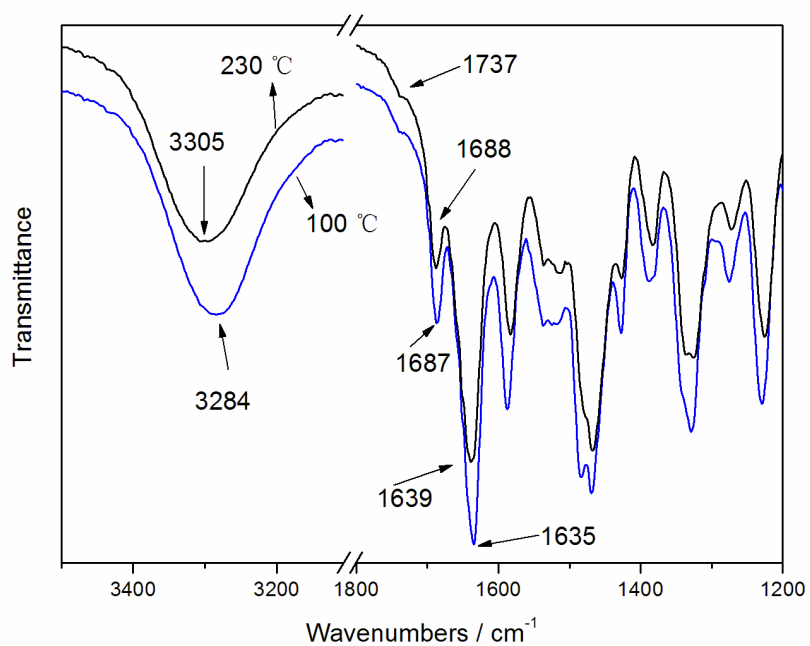


Fig. S2 Temperature-dependent FT-IR spectra of TC6 during first cooling run in the range of 3500-1200 cm⁻¹.

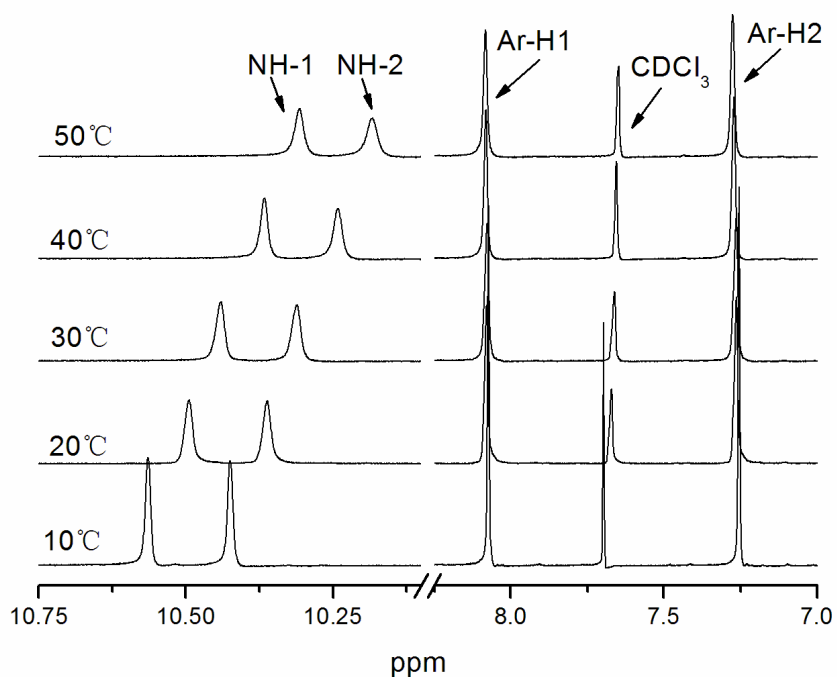
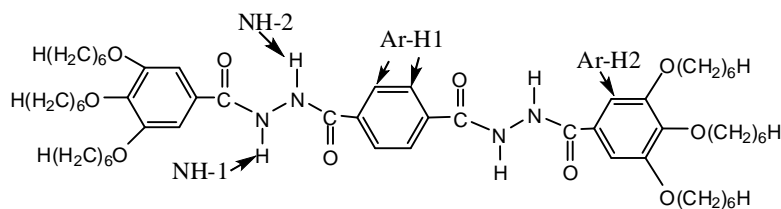


Fig. S3 ^1H NMR of TC6 (8×10^{-3} mol L^{-1}) in 20% $\text{DMSO-}d_6/\text{CDCl}_3$ versus temperature (500 MHz; NH-1: near to alkoxyphenyl; NH-2: near to central phenyl; Ar-H: proton of phenyl).



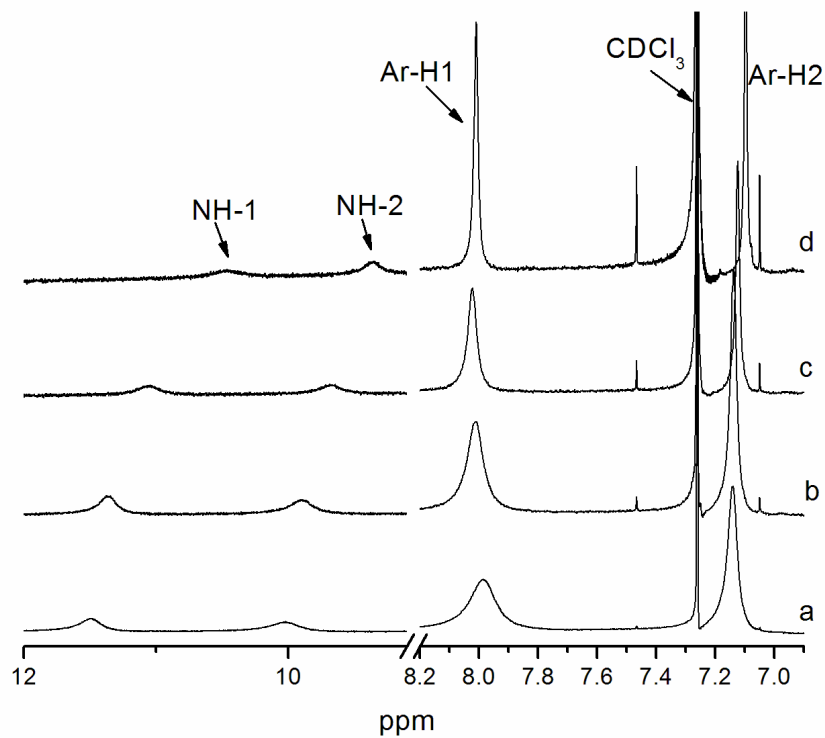


Fig. S4. Partial proton ¹H NMR spectra (500 MHz, CDCl₃, 25 °C) of TC6 at different concentrations: (a) 26.58, (b) 7.59, (c) 2.17 and (d) 0.62 mM.

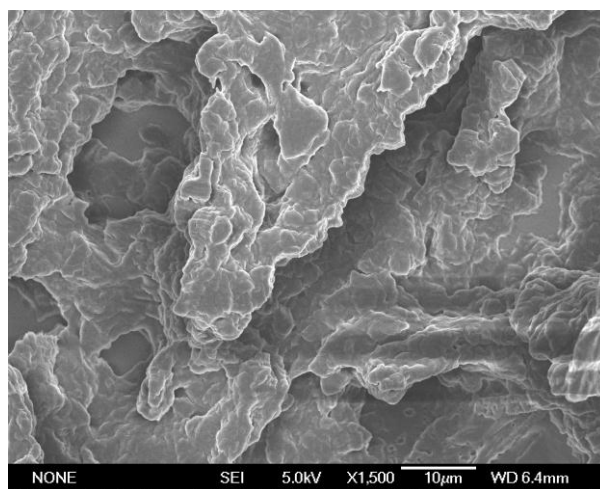


Fig. S5 Field emission scanning electron microscopic (FE-SEM) images of xerogels derived from benzene.

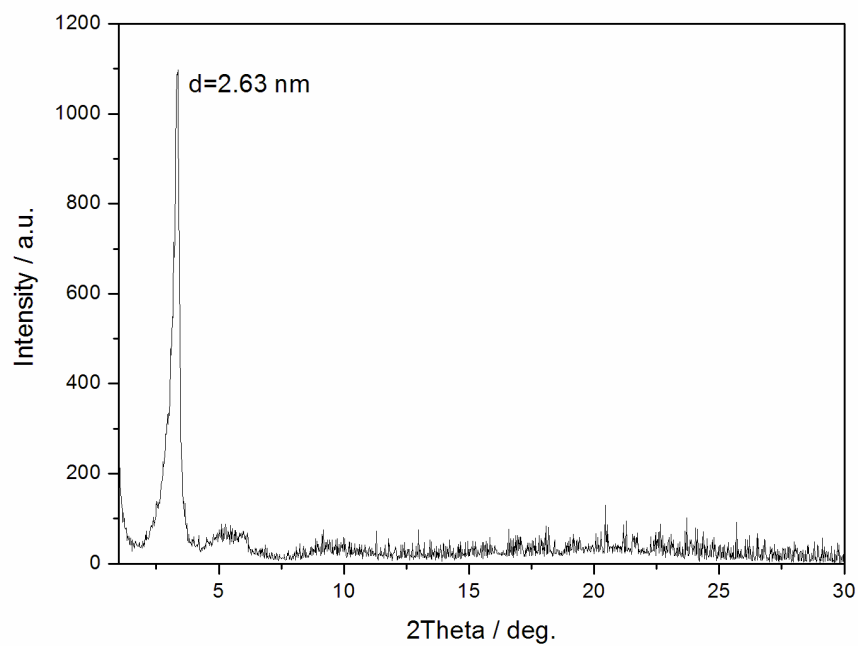


Fig. S6 XRD pattern of TC6 xerogel from benzene.

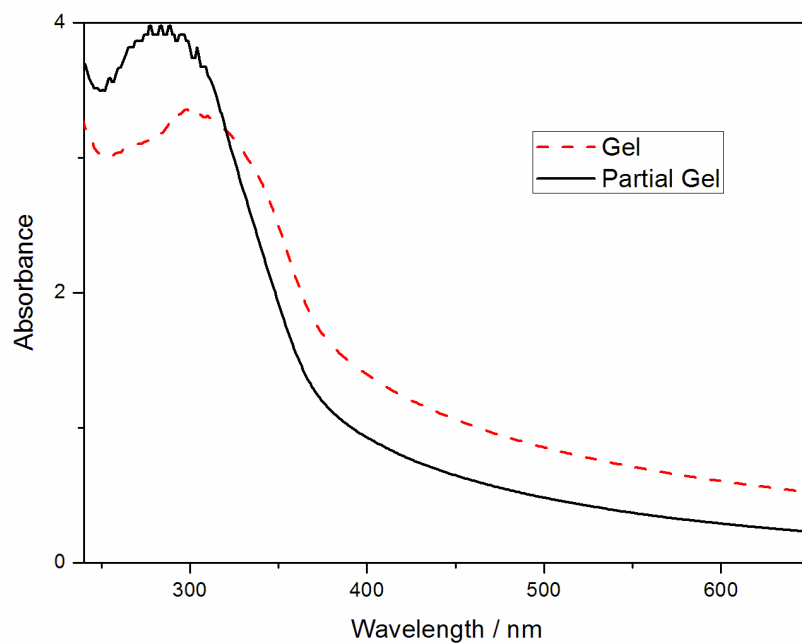


Fig. S7 UV-vis absorption spectra of gelling process of TC6 in 1,2-dichloroethane (0.23 wt %) at 50°C