

Supporting Information

for

**Synthesis and supramolecular self-assembly of
glutamic acid-based squaramides**

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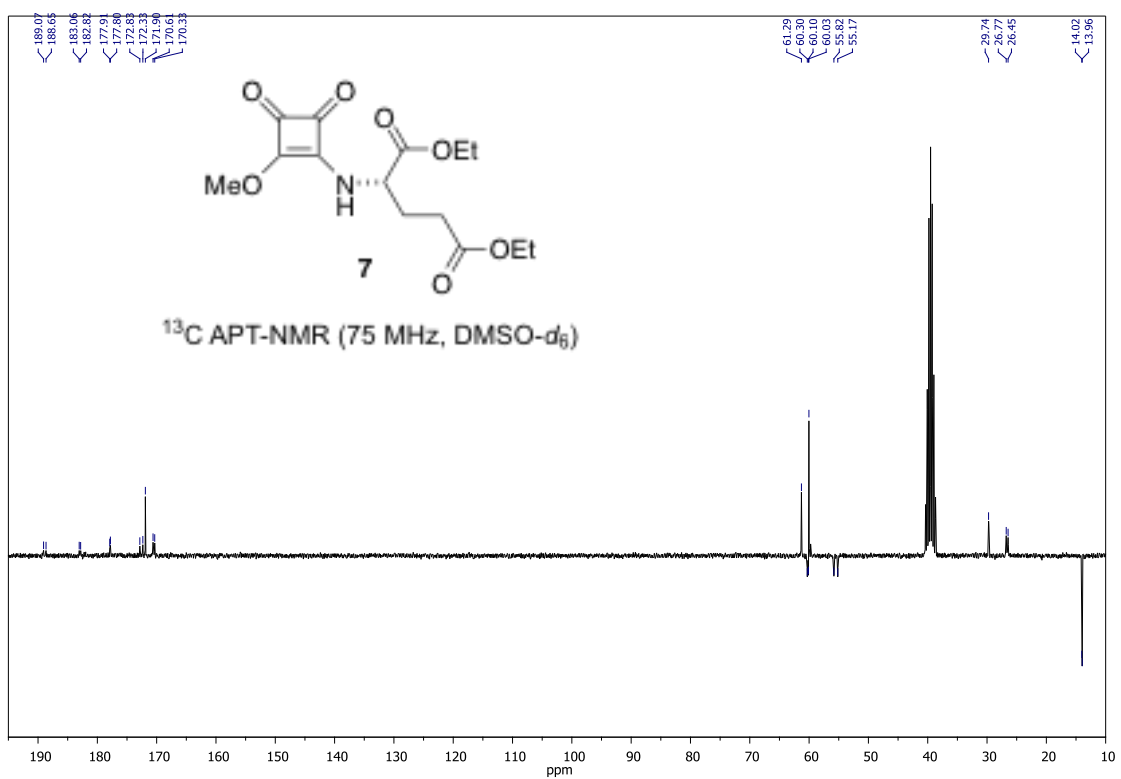
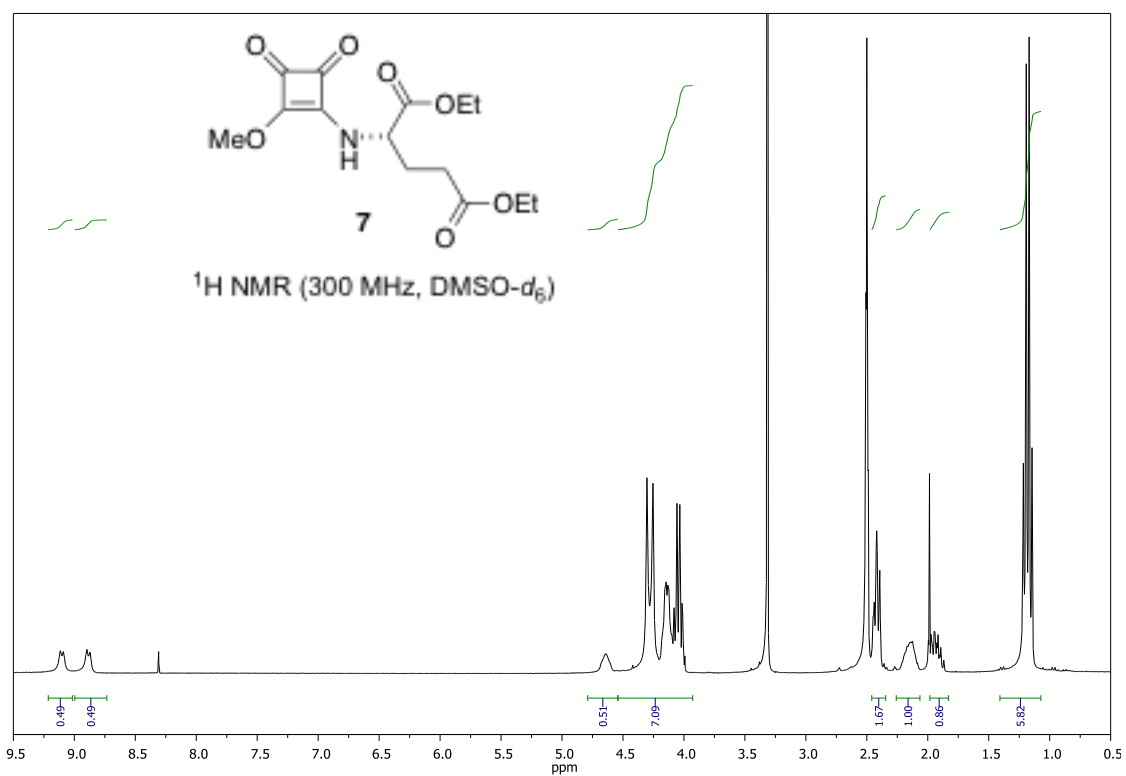
*Corresponding author

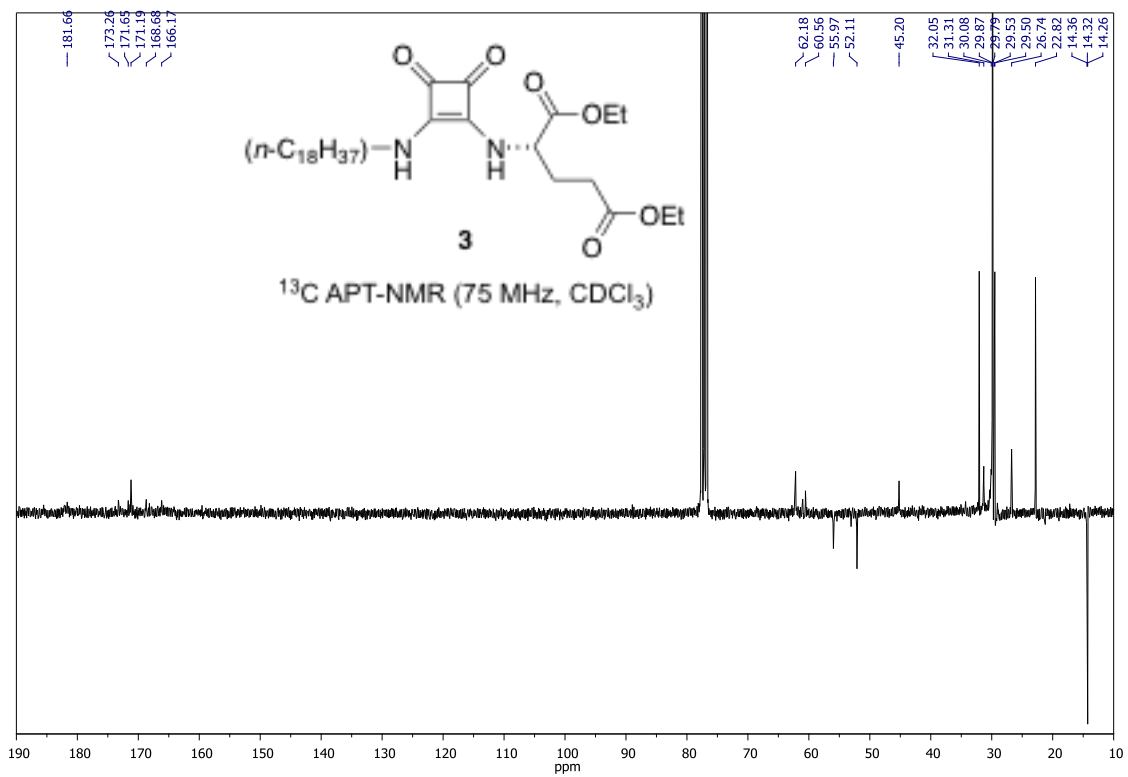
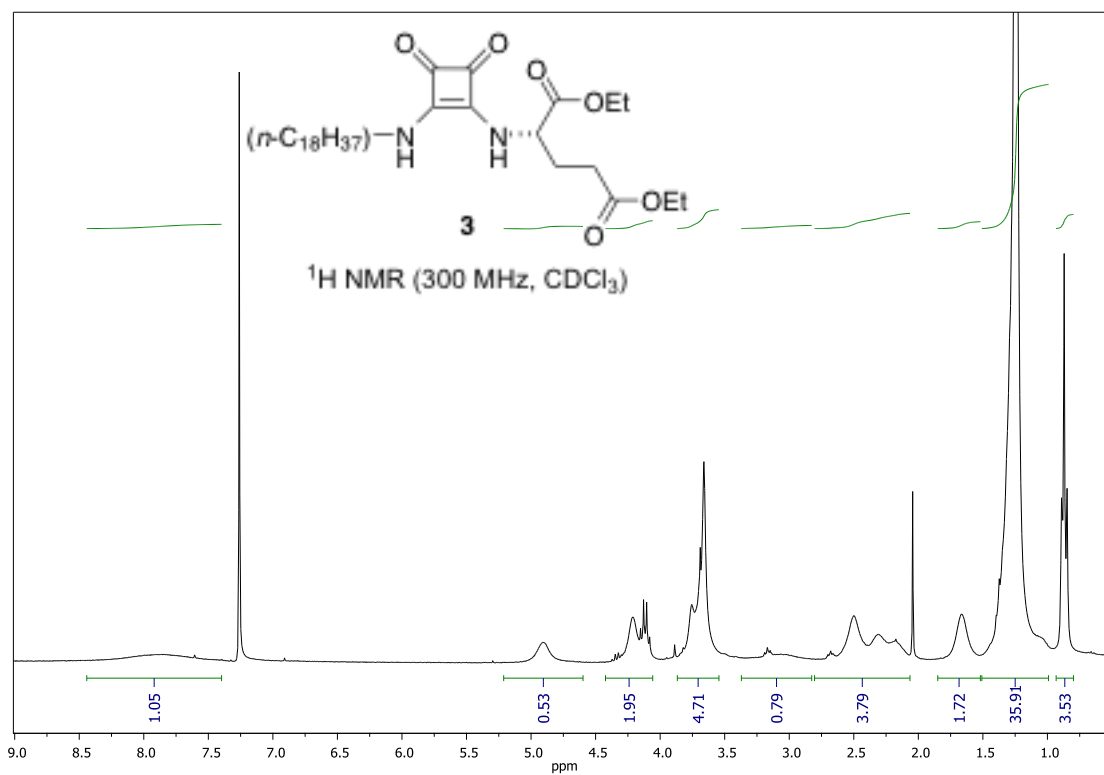
**NMR spectra, FTIR spectra, DSS plots, and additional
photographs of gels in different solvents**

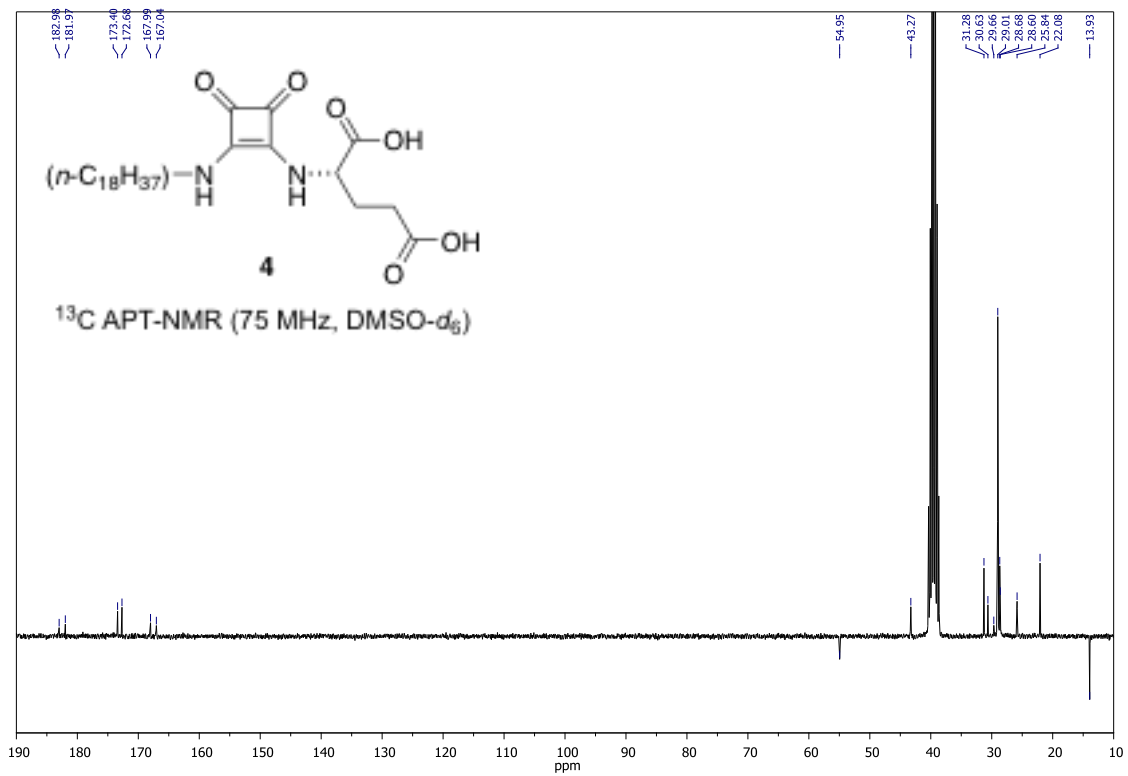
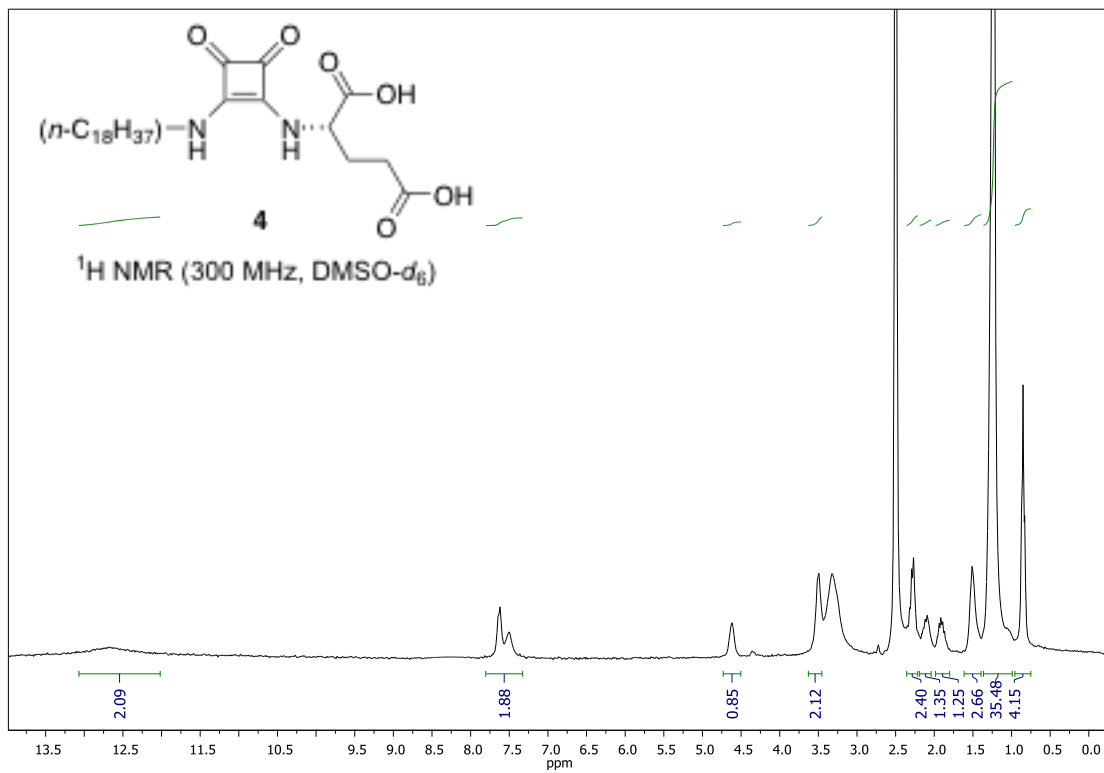
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1. NMR spectra of new compounds







2. Photographs of gel materials

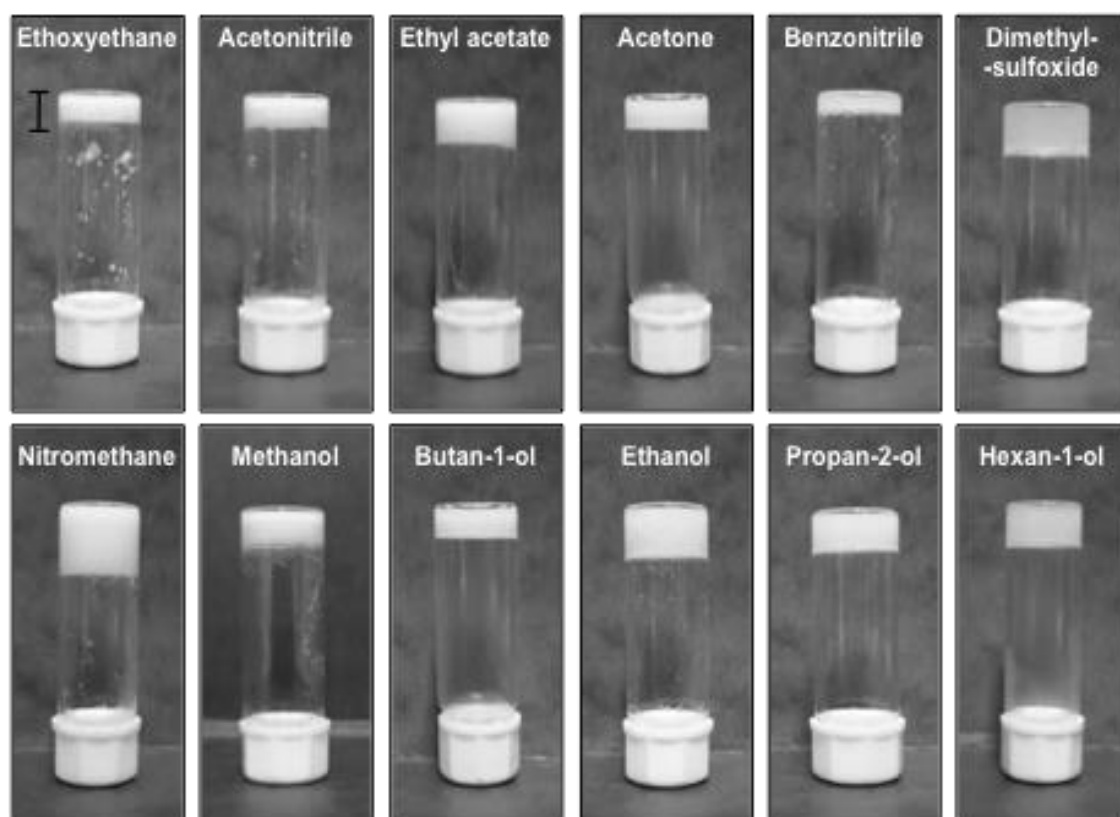


Figure S1: Selection of photographs showing upside-down vials containing gels made of **3** at their corresponding CGC (see Table 1) in different solvents. The scale bar included in the first photograph corresponds to 5 mm and it is the same for all photographs.

3. FTIR spectra

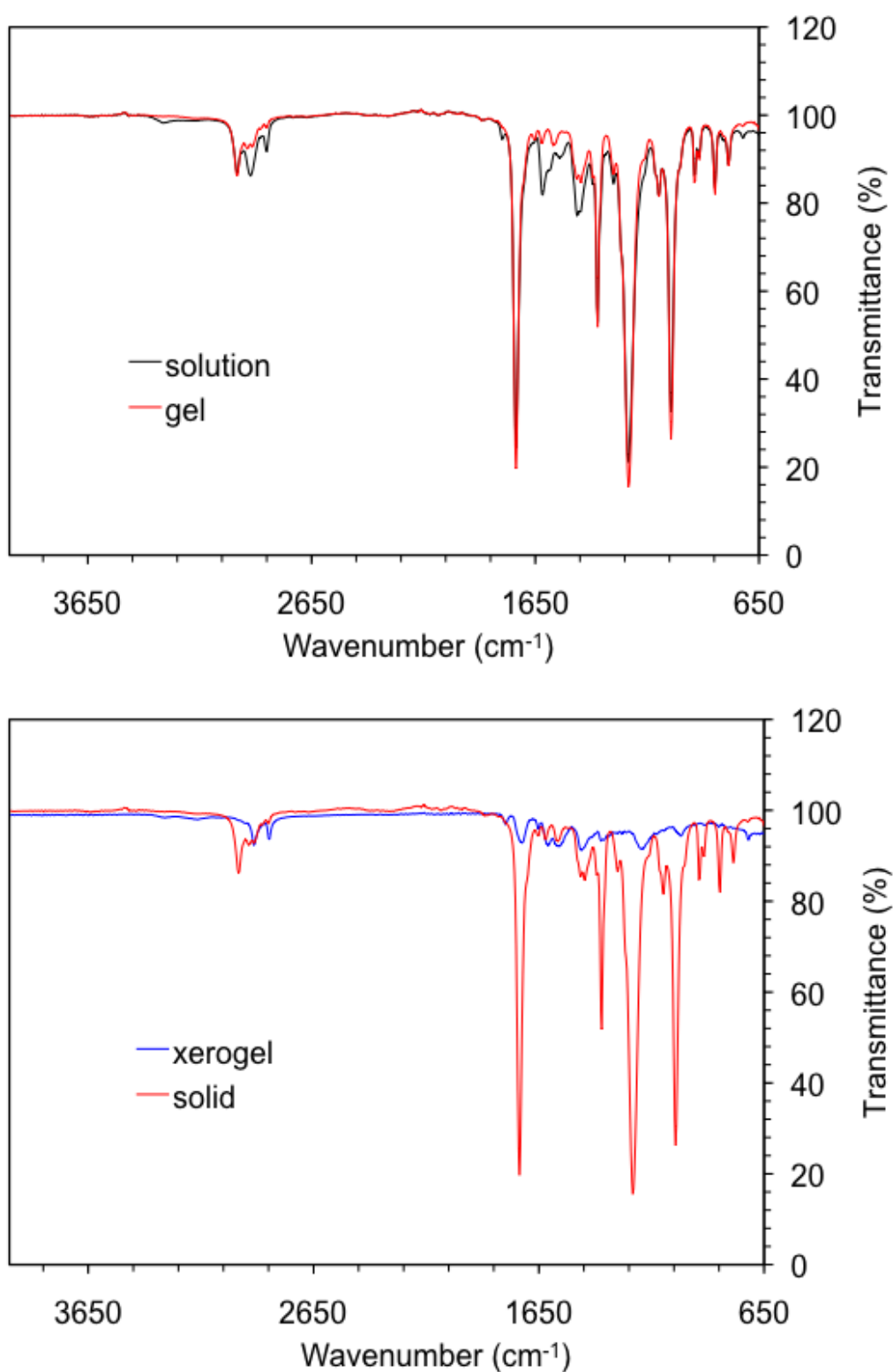


Figure S2: *Top:* FTIR spectra of the gel made of **3** in ethyl acetate ($c = 36$ g/L) and corresponding solution upon heating. *Bottom:* FTIR spectra of solid **3** (as synthesized) and xerogel obtained by freeze-drying the corresponding organogel made in ethyl acetate ($c = 36$ g/L).

4. DSS rheological measurements

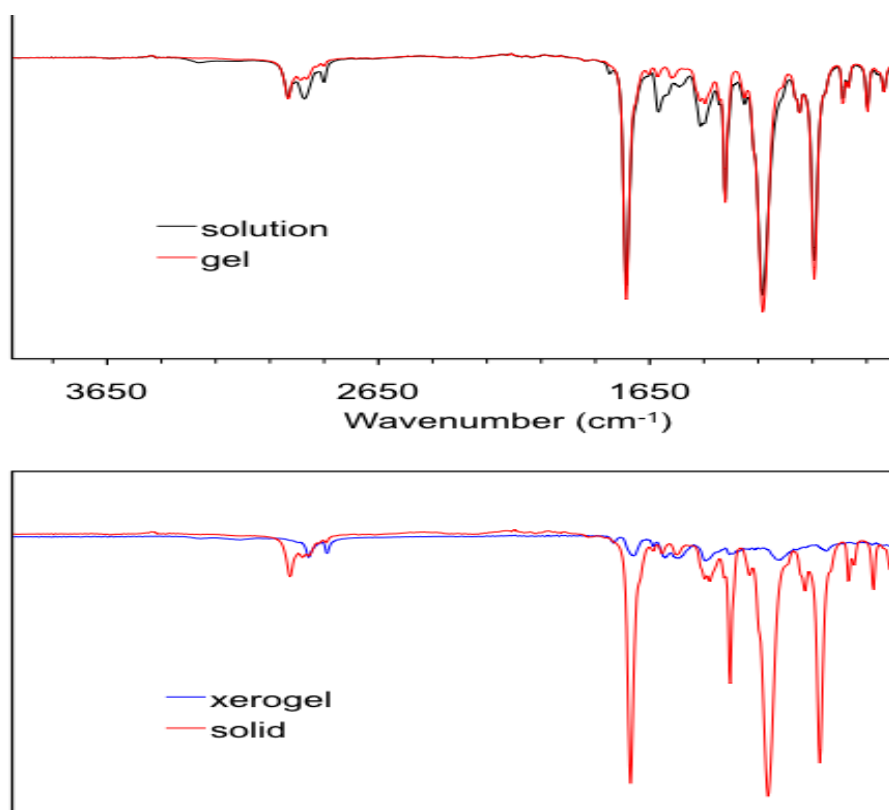


Figure S3: DSS measurements for model gels made of **3** in methanol ($c = 47$ g/L) and ethyl acetate ($c = 36$ g/L). The $\tan \delta$ values for these gels were 0.2716 and 0.1790, respectively. Color, CGC, T_{gel} and gelation kinetics were similar from batch to batch experiments (error values are given in the main paper).