

## Supporting Information

### ***Auxin–Tyrosine derivative based biocompatible supergelator : A Template for fabrication of nanoparticles for sustained release of model drugs***

Priyanka Tiwari,<sup>a</sup> Anindya Basu,<sup>b</sup> Sonu Sahu,<sup>b</sup> Sadhna Gound,<sup>b</sup> Ryann M. Christman,<sup>c</sup> Amit K. Tiwari,<sup>c</sup> PiyushTrivedi<sup>b</sup> and Anita DuttKonar,<sup>a,b\*</sup>

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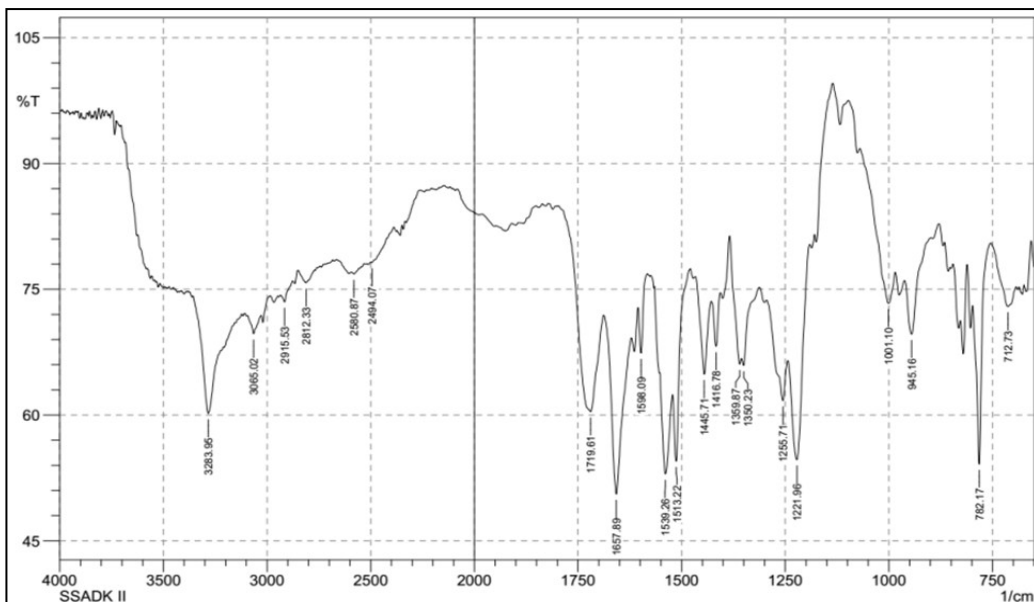


Figure S1. FT-IR Spectra of Hydrogelator- II (Xerogel)

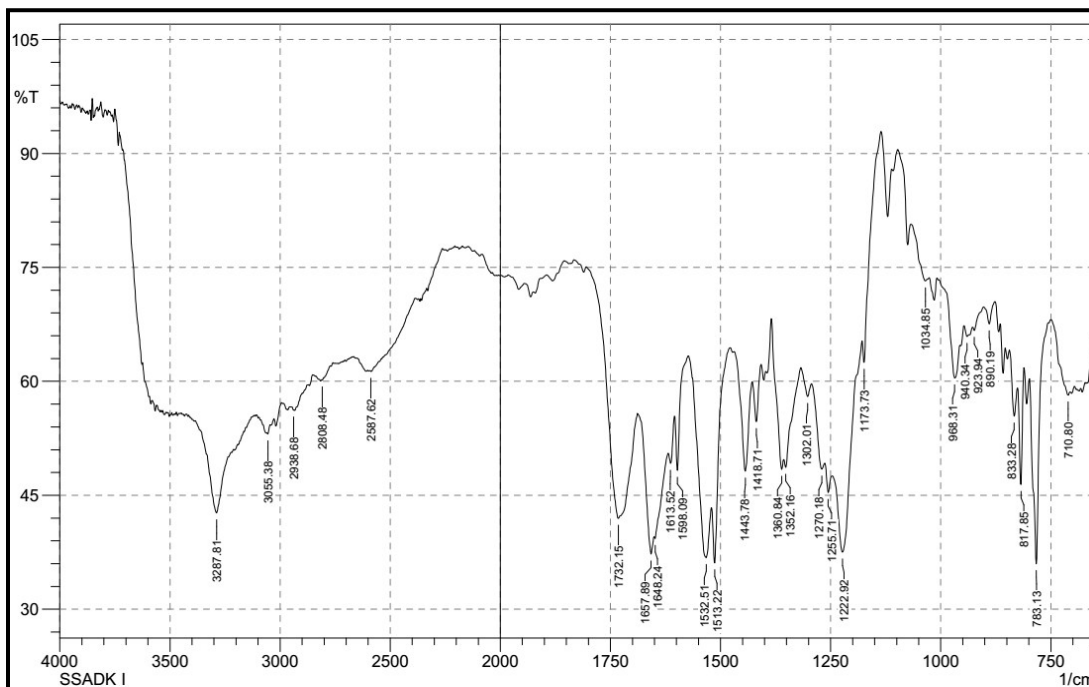
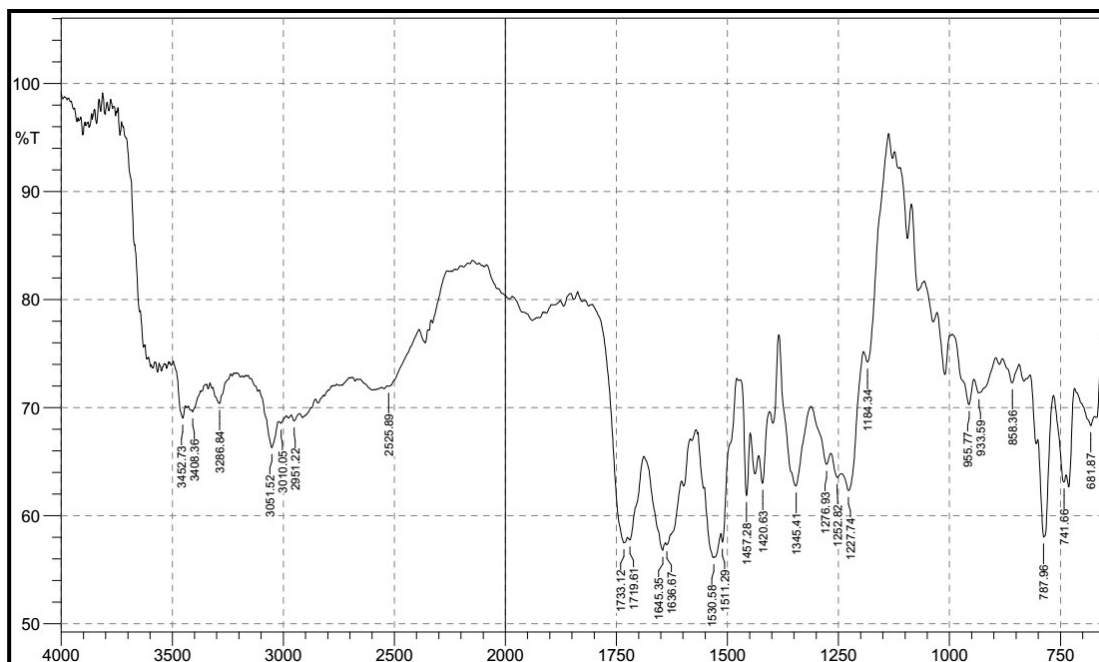
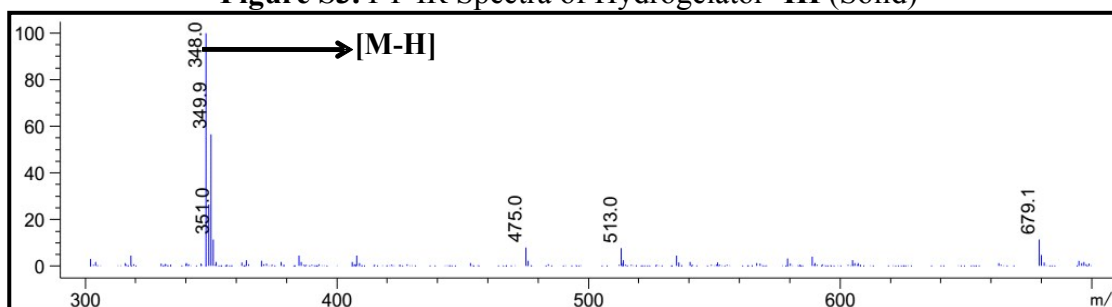


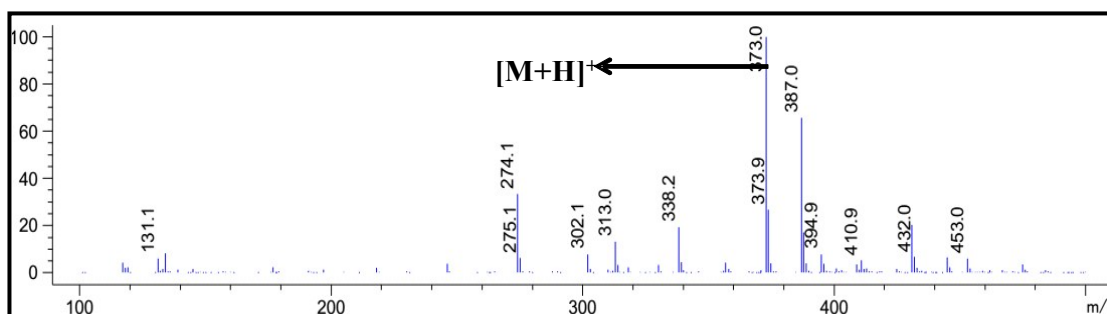
Figure S2. FT-IR Spectra of Hydrogelator- II (Solid)



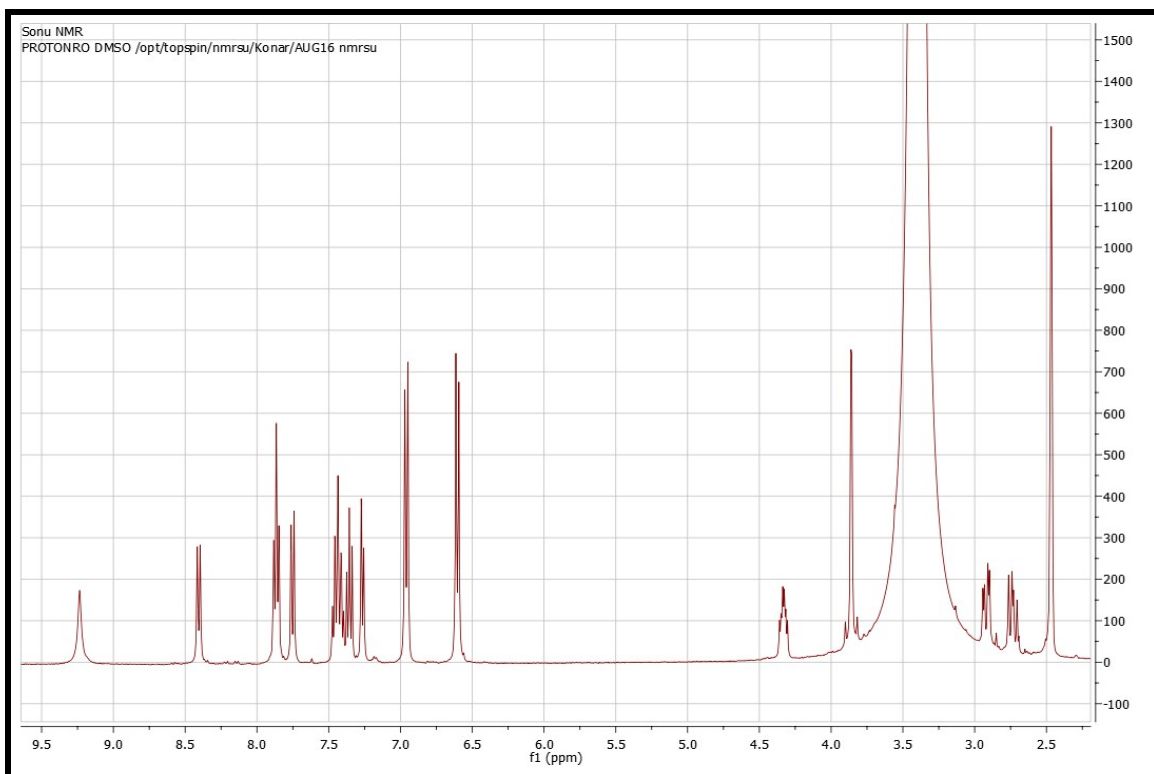
**Figure S3. FT-IR Spectra of Hydrogelator- III (Solid)**



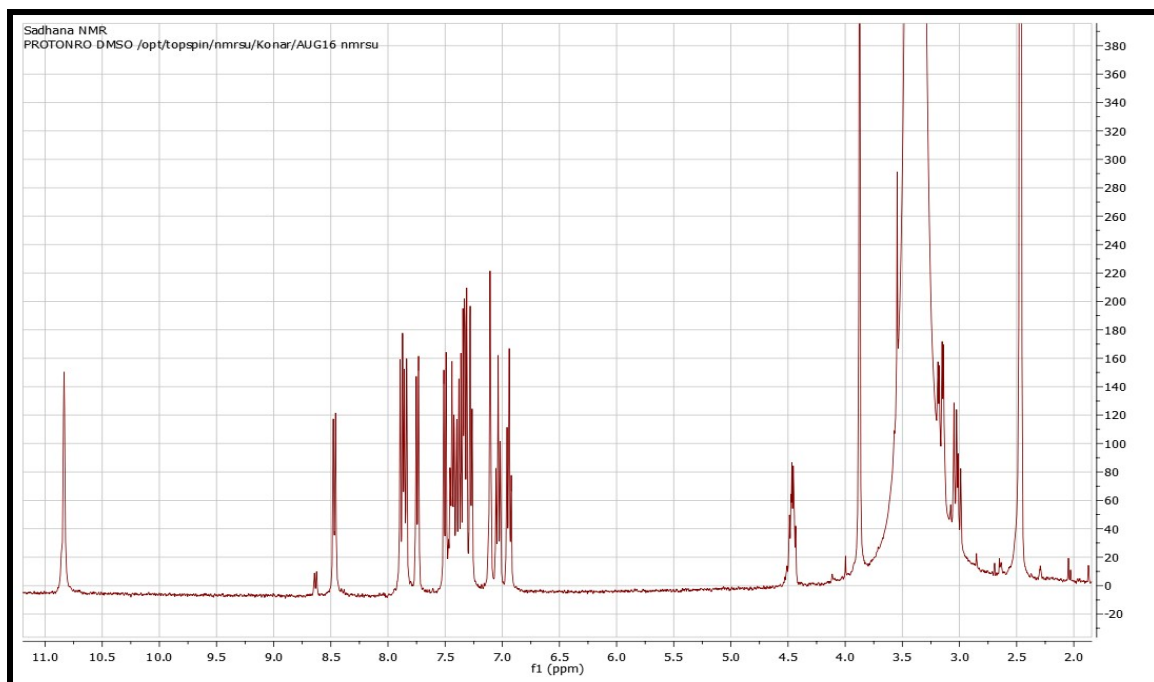
**Figure S4. Mass Spectra of Hydrogelator- II**



**Figure S5. Mass Spectra of Hydrogelator- III**



**Figure S6.** <sup>1</sup>H NMR Spectra of Hydrogelator- II



**Figure S7.** <sup>1</sup>H NMR Spectra of Hydrogelator- III

Table S1: Dihedral angle for the conformers used for computational studies

Peptide Bond angles			Indole Dihedral
I	II	III	III
177.686	164.649	-176.591	-1.295
179.267	177.771	-173.146	2.064
-179.944	-178.989	169.447	-3.514
179.119	169.645	-174.983	-5.25