

Electronic Supporting Information

Spontaneous Thermal Crosslinking of A Sydnone-Containing Side-Chain Polymer with Bis- and Tris-maleimides through A Merged [3+2] Dual-Cycloaddition-Cycloreversion Process for Electro-Optics

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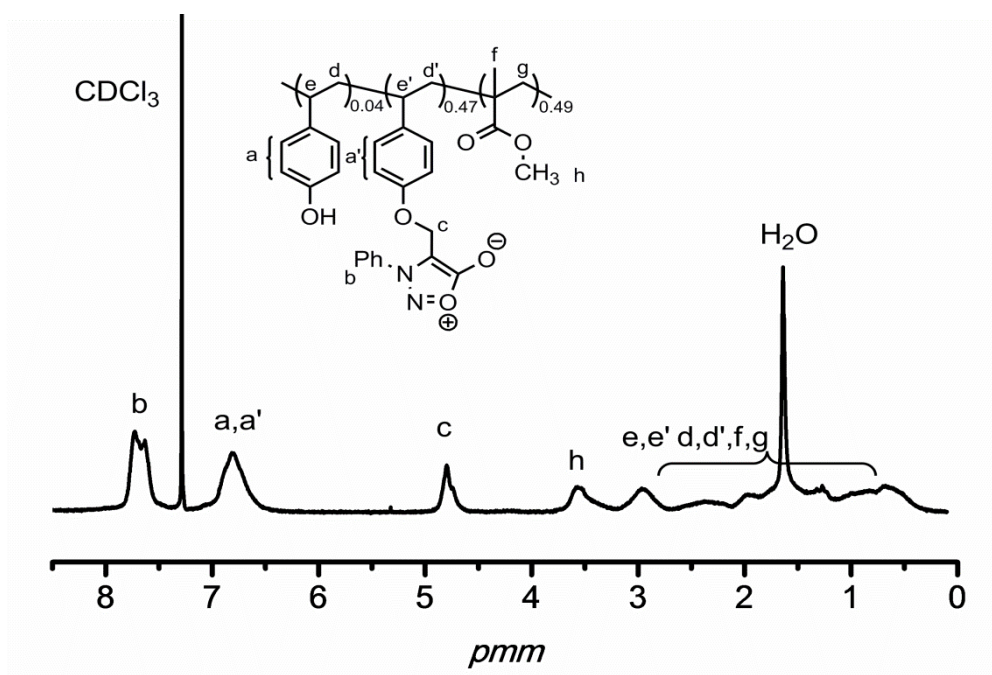


Figure S1. ¹H NMR spectrum of SCP in CDCl₃.

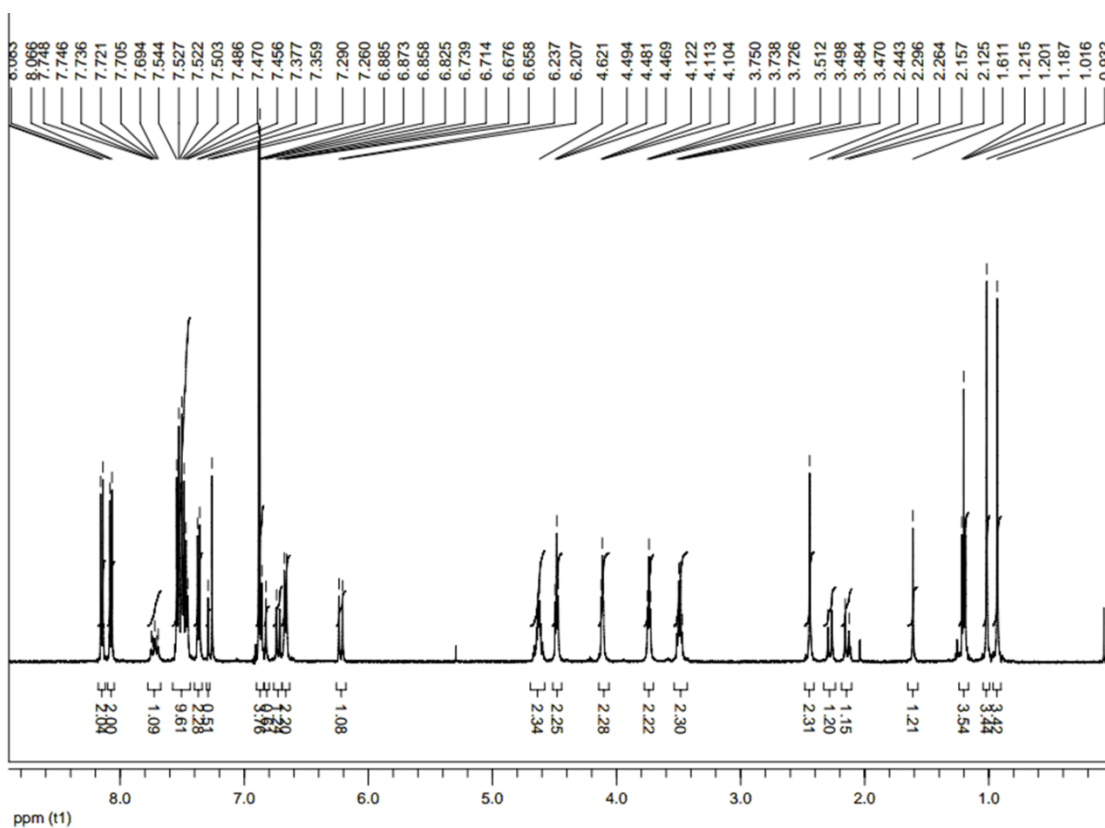


Figure S2. ^1H NMR spectrum of **BMI-2** in CDCl_3 .

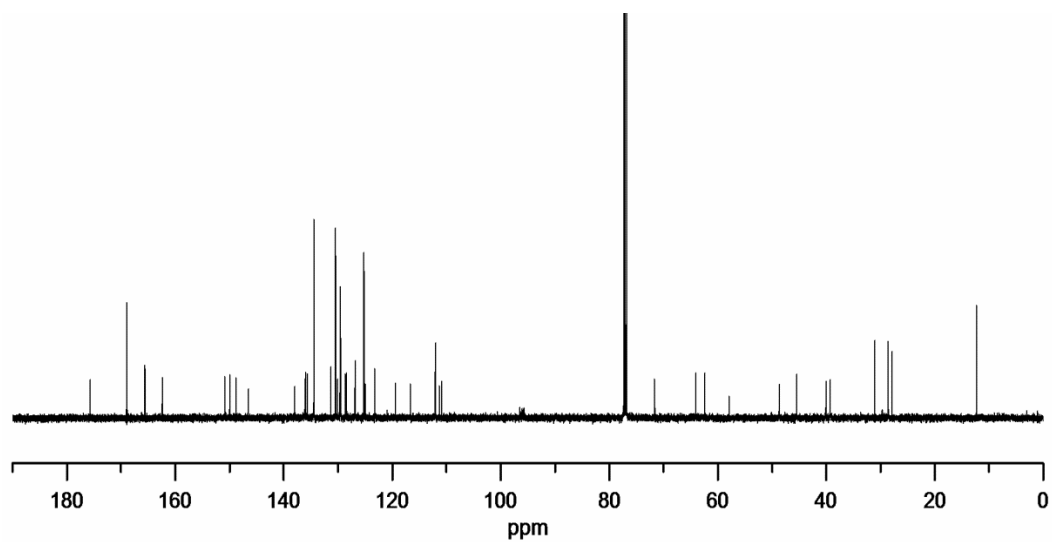


Figure S3. ^{13}C NMR spectrum of chromophore (**BMI-2**) in CDCl_3 .

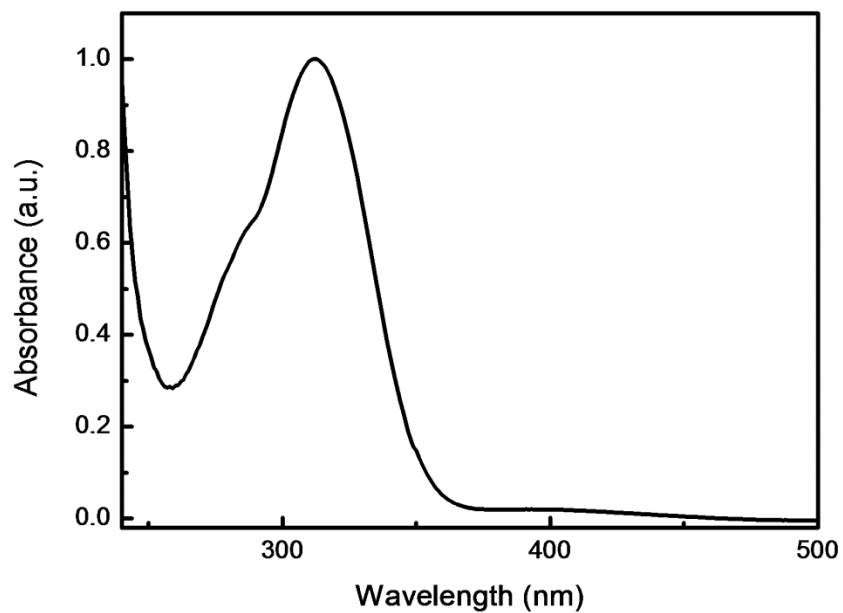


Figure S4. UV-*vis* absorption spectrum of SCP.

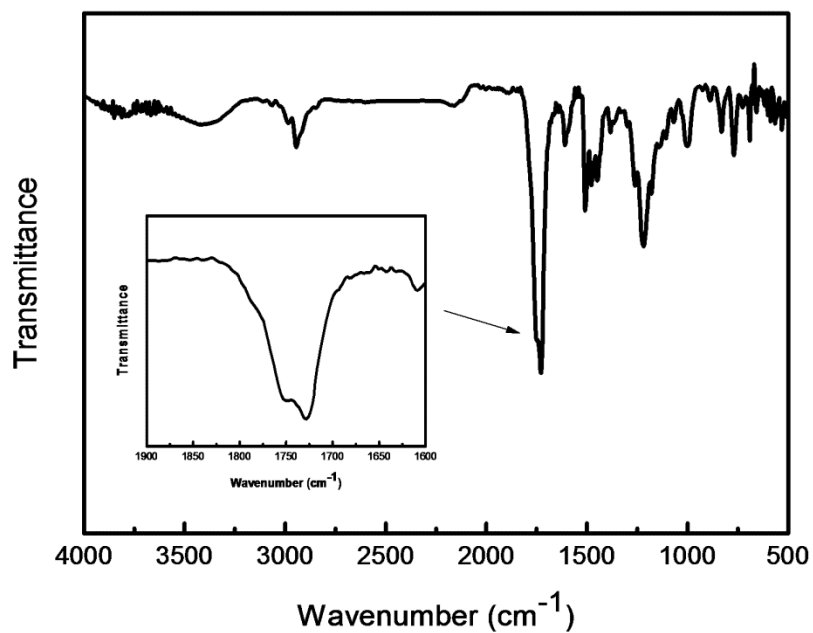


Figure S5. FT-IR spectrum of SCP film.

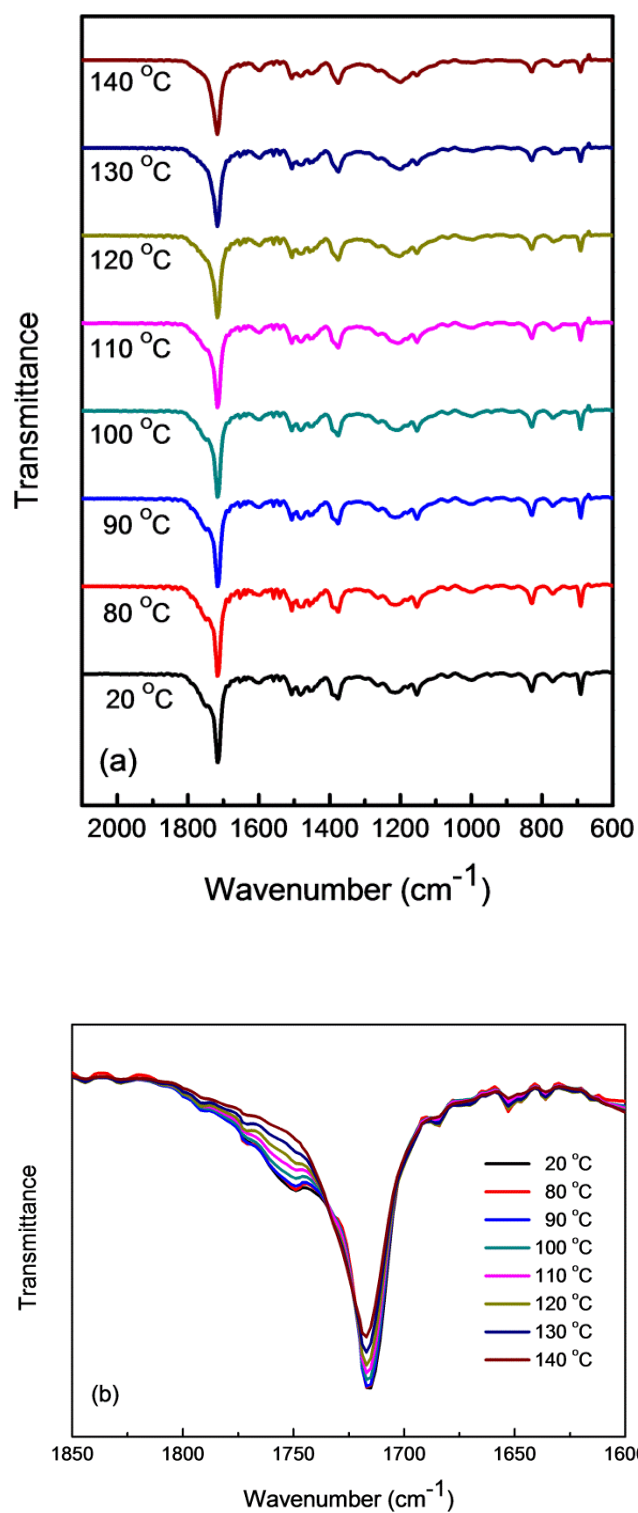


Figure S6. FT-IR spectra of SCP/BMI-1 film, being cured at elevated temperatures with a 10 min heating interval at each temperature.

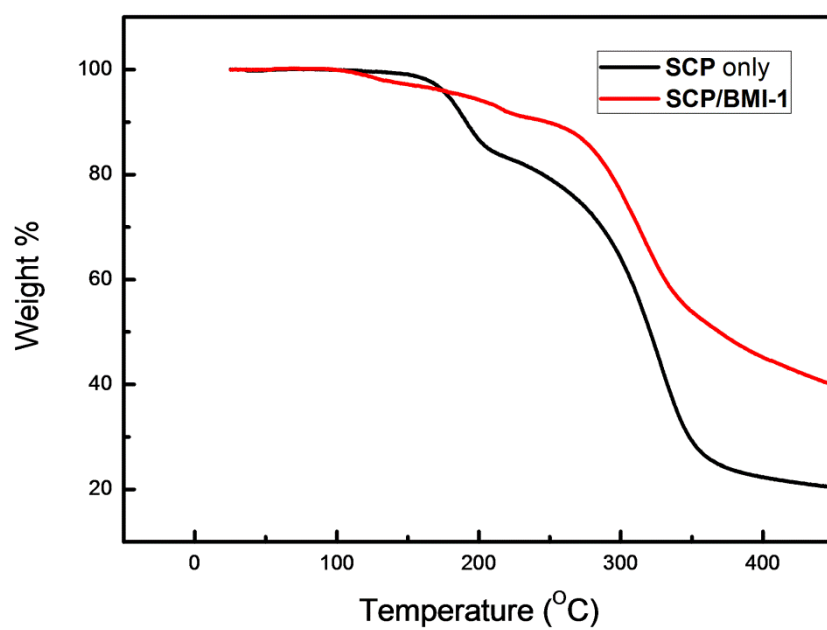


Figure S7. Thermal gravimetric analysis of **SCP** and **SCP/BMI-1** composite using a 2 °C /min heating rate

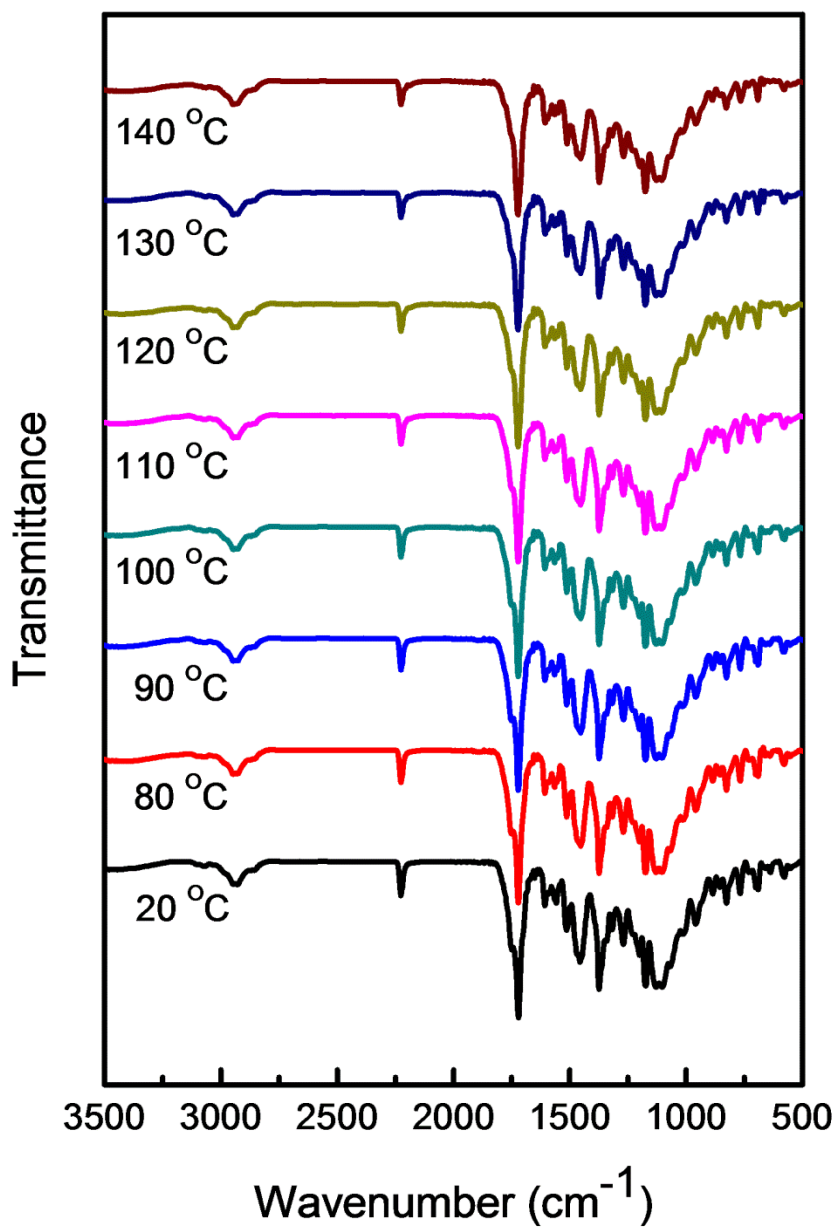


Figure S8. FT-IR spectra of the SCP/BMI-2/TMI film, being cured at elevated temperatures with a 10 min heating interval.