## Supporting Information

An Apigenin-Based Bio-Benzoxazine with Three Polymerizable Functionalities: Sustainable Synthesis, Thermal Latent Polymerization, and Excellent Thermal Properties of Its Thermosets

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Figure S1. 2D <sup>1</sup>H-<sup>1</sup>H NOESY NMR spectrum of API-fa.



Figure S2. 2D <sup>1</sup>H-<sup>13</sup>C HMQC NMR spectrum of API-fa.



Figure S3. <sup>1</sup>H NMR spectra of freshly prepared API-fa in CDCl<sub>3</sub>.



**Figure S4.** <sup>1</sup>H NMR spectrum of **API-fa** in CDCl<sub>3</sub> that recorded after storing in the dark for 3 months.



Figure S5. <sup>1</sup>H NMR spectra of freshly prepared API-fa in DMSO-*d*<sub>6</sub>.



**Figure S6.** <sup>1</sup>H NMR spectrum of **API-fa** in DMSO- $d_6$  that recorded after storing in the dark for 3 months.



Figure S7. DSC thermograms of poly(API-fa)-1 and poly(API-fa)-2.