Supporting Information

Highly alkynyl-functionization of cellulose nanocrystals and advanced nanocomposites thereof via click chemistry

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**Figure S1.** The dispersion state of CNC and ACNC in tetrahydrofuran (THF).

**Figure S2.** The molding pictures of (a) the neat GP2 composite, (b) the GP2/ACNC-1.0 nanocomposites.
Figure S3. DSC thermograms for the GP2/ACNC nanocomposites with the addition of various ACNC contents, GP1/ACNC-1.0, GP3/ACNC-1.0 nanocomposites as well as GP2/CNC-1.0 nanocomposite.