## **Supplementary Information**

## The solvent effect on the morphology and molecular ordering of benzothiadiazole-based small molecule for inkjet-printed thin-film transistors

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**Fig. S1** <sup>1</sup>H NMR and <sup>13</sup>C NMR of 4-(5-bromo-4-hexylthiophen-2-yl)-7-(4-hexylthiophen-2-yl)benzo[c][1,2,5] thiadiazole in CDCl<sub>3</sub>.

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Fig. S2 <sup>1</sup>H and <sup>13</sup>C NMR spectrum of 7,7'-(3,3"-dihexyl-[2,2':5',2"-terthiophene]-5,5"-diyl) bis(4-(4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole) (3HTBTT) small molecule in CDCl<sub>3</sub>.