Supplementary Materials

Solvent Effects on Adsorption Kinetics, Dye Monolayer, and Cell Performance of Porphyrin-sensitized Solar Cells

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**Figure S1.** Intraparticle model of adsorptions in THF under different initial concentrations.

**Figure S2.** Pseudo-second order model of adsorptions in THF under different initial concentrations.

**Figure S3.** ATR-FTIR spectra of ZZX-N7-coated electrodes obtained from different solvents and loading time.
Figure S4. LHE spectra of 8-μm-thick transparent ZZX-N7-coated electrodes obtained from different up-taking solvents.