Supporting Information for

Supramolecular Structures Ranging from Nano- to Macro-Scale with Fluorescent and Organic Semiconducting Properties

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Fig. S1 Chemical structures of (a) R6G and (b) NaAOT.



Fig. S2 CV measurements of R6G-NaAOT complex at different scan rate. Fc=ferrocene.



Fig. S3 AFM images of sphere-like nanoparticles formed by R6G and NaAOT compounds after 40 min of incubation: (a) high image; (b) phase image.



Fig. S4 ¹H NMR spectra of R6G-NaAOT complex (a), R6G (b) and NaAOT (c).



Fig. S5 SAXS pattern of R6G-NaAOT complex.



Fig. S6 FTIR spectrum of R6G-NaAOT complex.



Fig. S7 Optimized structures of (a) R6G and (b) R6G-NaAOT complex with three possible positions (ΔE_1 =-560.9, ΔE_2 =-386.38, ΔE_3 =-549.7 kJ/mol).



Fig. S8 Fluorescent spectra of R6G (black line) and R6G-NaAOT (red line) complex as a thin film.



Fig. S9 UV/Vis spectra of R6G (black line) and R6G-NaAOT (red line) complex as a thin film.



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