

Supporting Information for:

A Case of Cyclodextrin-Catalyzed Self-Assembly of Amphiphile into Microspheres

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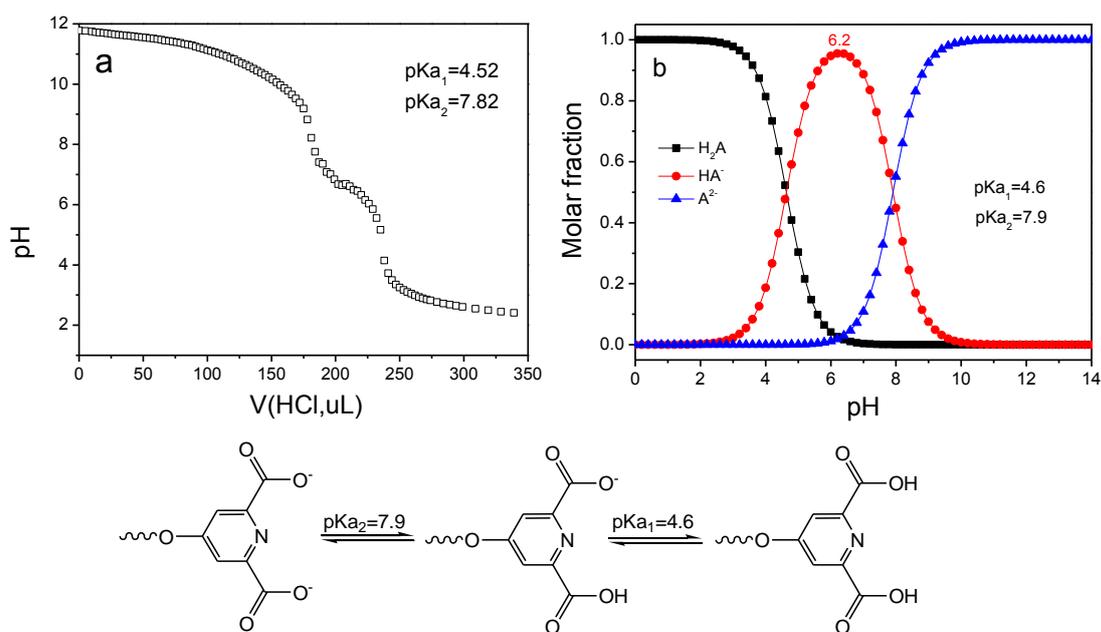


Figure S1. (a) pH titration curves for 0.1 mM TTC4L in pure water; (b) Species distribution of 3TC4L solution within pH range of 0-14 according to pH titration measurement.

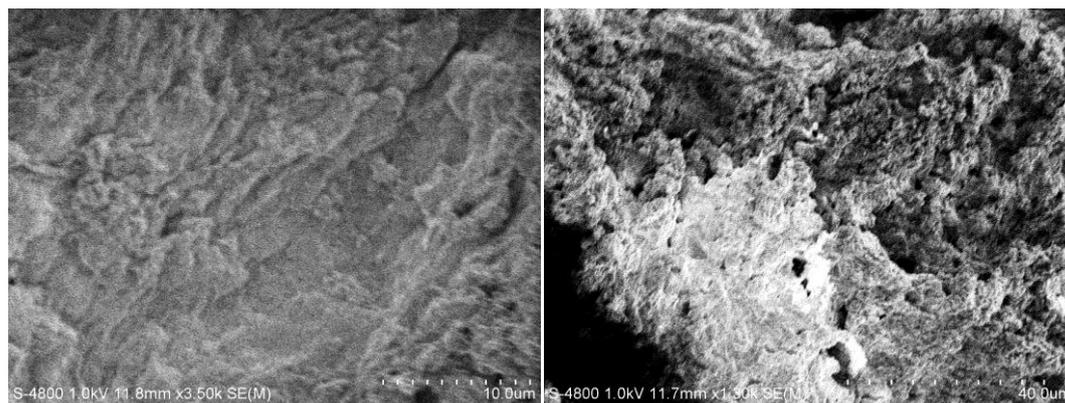


Figure S2. Amorphous precipitates obtained at acidifying the TTC4L suspension from pH 8.4 to pH 7.0.

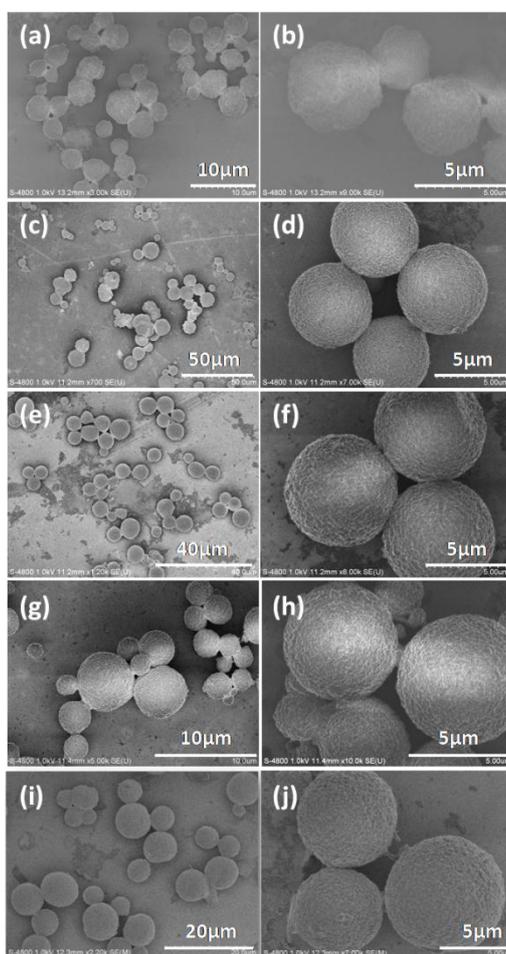


Figure S3. SEM images of precipitate formed in TTC4L@ β -CD systems: [β -CD] = 0.5 (a, b); 1.0 (c, d); 1.5 (e, f); 2.0 (g, h); 2.5 mM (i, j). [TTC4L] = 0.5 mM for all samples.

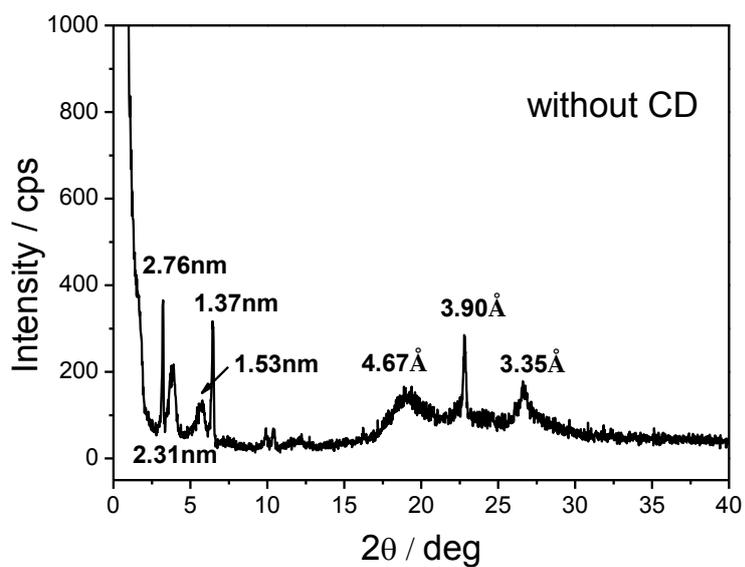


Figure S4. XRD pattern for the precipitates formed without the presence of CD. Peaks corresponding to d values of 2.76 nm and 1.37 nm satisfied the relation of 1::2, suggesting the presence of layered structures; whereas the d value of 2.31 nm and 1.53 nm are close to parameters for the microspheres. (See Figure 6a)