## **Electronic Supplementary Information (ESI)**

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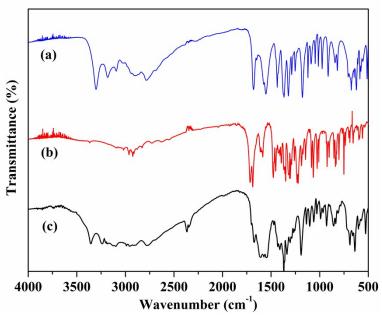
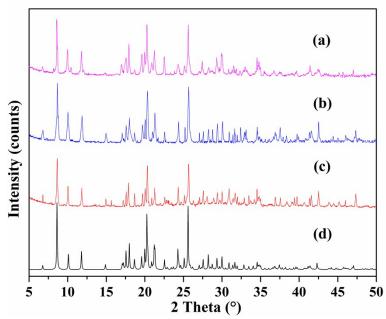
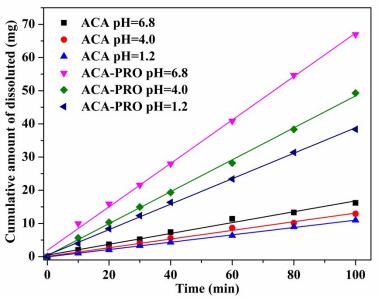


Figure S1. FT-IR spectra of (a) ACA, (b) PRO, and (c) ACA-PRO.



**Figure S2.** XRPD patterns of the undissolved solids after powder solubility experiments in different buffers for 5 h: (a) at pH = 1.2, (b) at pH = 4.0, and (c) at pH = 6.8, and (d) simulated pattern for ACA-PRO.



**Figure S3.** IDR profiles of ACA and ACA-PRO at pH 1.2, 4.0, and 6.8.