Supporting Information

2:1 5-Fluorocytosine-Acesulfame CAB Cocrystal and 1:1 5-Fluorocytosine-Acesulfame Salt Hydrate with Enhanced Stability against Hydration

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Figure S1. ORTEP representation of the asymmetric unit of FCAH21. Ellipsoids displayed at 50% probability.

Figure S2. ORTEP representation of the asymmetric unit of FCAH11. Ellipsoids displayed at 50% probability.
**Figure S3.** Comparison of Rietveld simulated (red) and experimental (black) PXRD patterns for FCAH21.

**Figure S4.** Comparison of Rietveld simulated (red) and experimental (black) PXRD patterns for FCAH11.
**Thermogravimetric (TG) Analysis:** TG data were collected on a TA Q500 thermogravimetric analyzer (TA Instruments, New Castle, DE). ~3 mg of sample was heated in an open aluminum pan from room temperature to 300 °C with scan rate of 10 °C/min.

**Figure S5.** TG curve of FCAH21.

**Figure S6.** TG curve of FCAH11.