Supplementary data for

Two anhydrous forms and one monohydrate of a cocrystal of axitinib and glutaric acid: characterization, property evaluation and phase transition study

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Figure S2. ¹H NMR spectra of (a) AXI-GA \cdot H₂O and (b) AXI-GA I.



Figure S3. PXRD patterns of AXI-GA·H₂O after heating to 100 °C.



gure S4. PXRD patterns of (a) $AXI-GA \cdot H_2O$ and (b) AXI-GA I involving in DVS test. A phase change from $AXI-GA \cdot H_2O$ to a metastable form (referring to AXI-GA II) was observed at 0% RH, which converted back to $AXI-GA \cdot H_2O$ at 80% RH.







Figure S5. PXRD patterns of (a) AXI Form IV, (b) AXI Form XLI, (c) AXI-GA·H₂O, (d) AXI-GA I and (e) AXI-GA II under 40 °C/75% RH accelerated conditions.



Figure S6. Powder dissolution profiles for AXI-GA ·H₂O, AXI-GA I and AXI within 10 h.



Figure S7. PXRD patterns of the residual solids of AXI-GA·H₂O, AXI-GA I, AXI Form IV and XLI after powder dissolution experiments.



Figure S8. TG-DSC curves of AXI-GA II.



Figure S9. PXRD patterns of AXI-GA II and its powder sample heating after 98.0 °C.



Figure S10. PXRD patterns of the residual solids of powdered 1:1 mixture of $AXI-GA \cdot H_2O$ and AXI-GA I after slurry in various solvents.