

Supporting Information for

The Influence of Water on Dielectric Property in Cocrystal Compound [orotic acid][melamine]·H₂O

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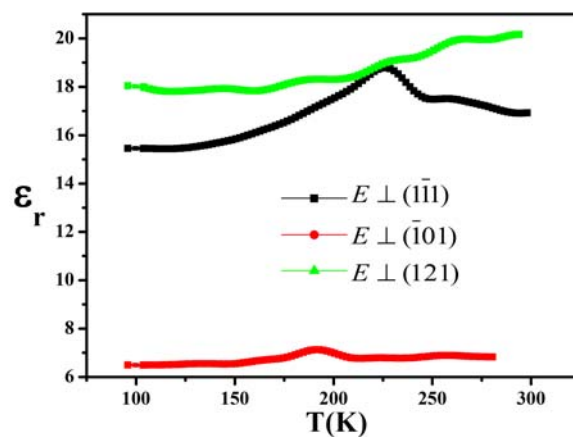


Figure S1. The dielectric constant of **1** measured at 1 kHz and different temperatures based on single crystal for $E \perp (111)$, $(\bar{1}01)$ and (121) respectively.

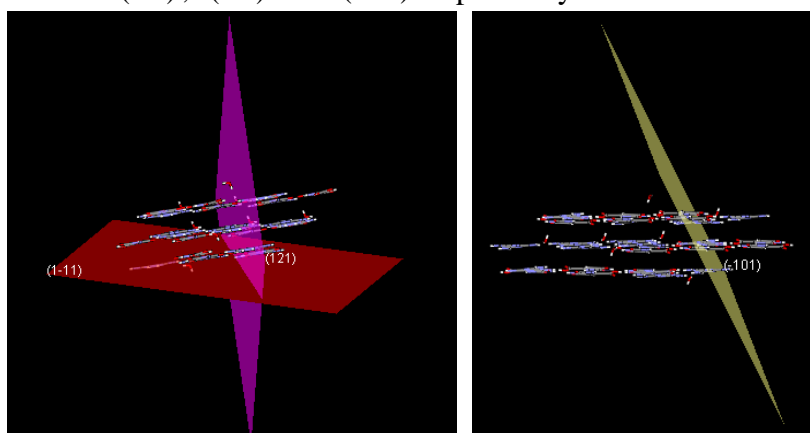


Figure S2. The plane (111) , (121) and $(\bar{1}01)$ are displayed in the layer structure.

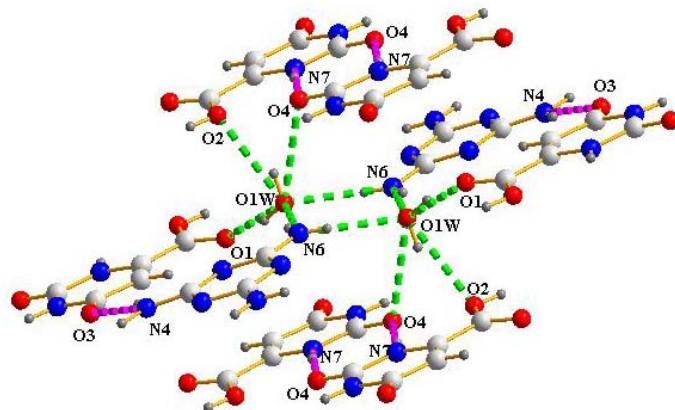


Figure S3 The hydrogen bonding interactions of the water molecules with melamine and orotic acid ligands.

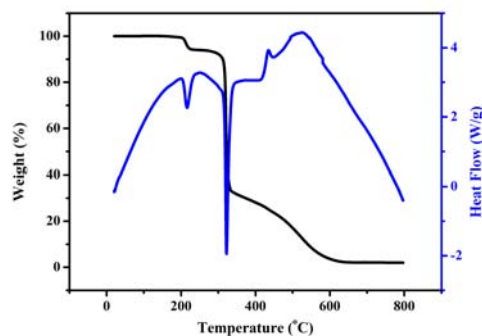


Figure S4. The TG-DSC curves for **1**.

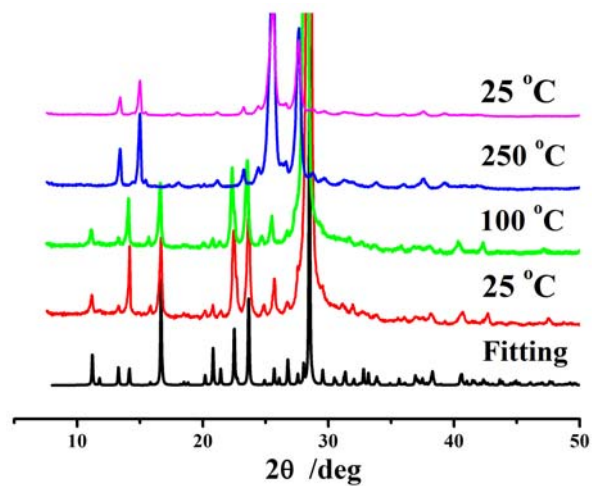


Figure S5. The XRD patterns of **1** at different temperatures. The upper patterns at 25 °C is obtained after heating up to 250 °C.

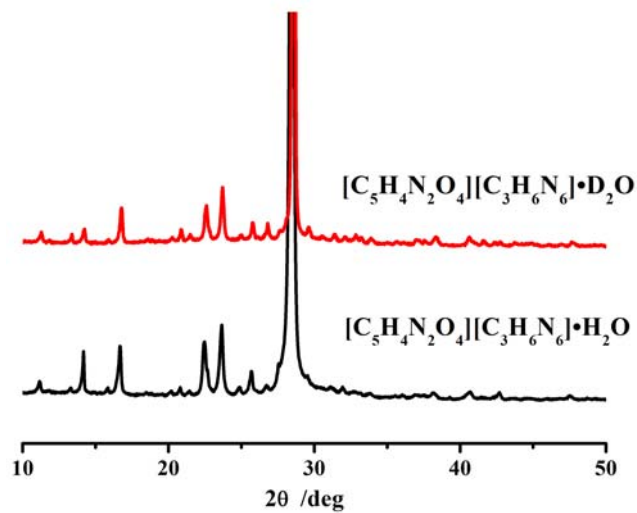


Figure S6. The XRD patterns of **1** and **1D** at room temperature.

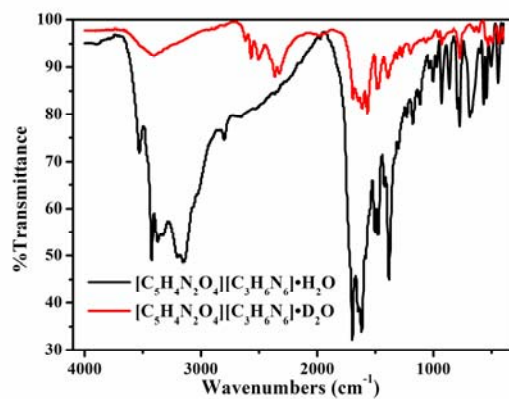


Figure S7. The IR spectrum of **1** and **1D**.

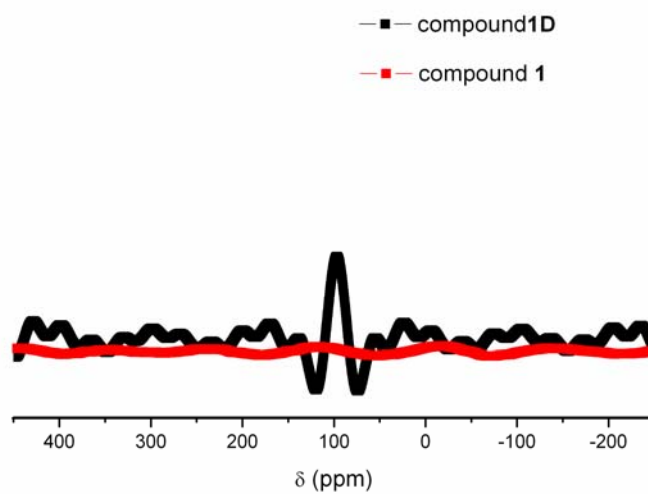


Figure S8. The solid ²H-NMR spectra patterns of **1** and **1D**