

Electronic Supplementary Information

A High-temperature Organic-inorganic Ferroelectric with Outstanding Switchable Dielectric Characteristics

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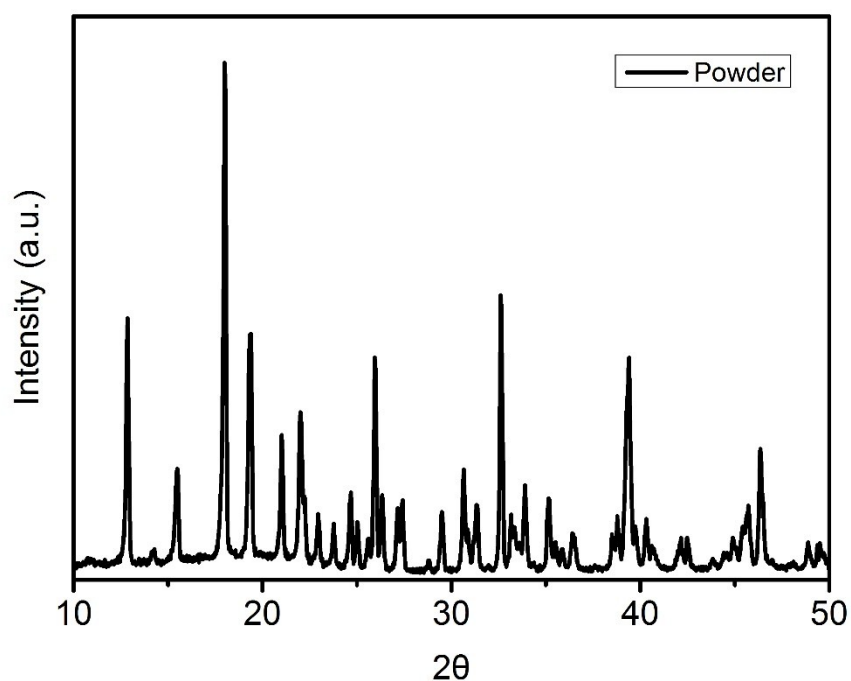


Figure S1: Powder X-ray diffraction (PXRD) pattern of the compound at room temperature.

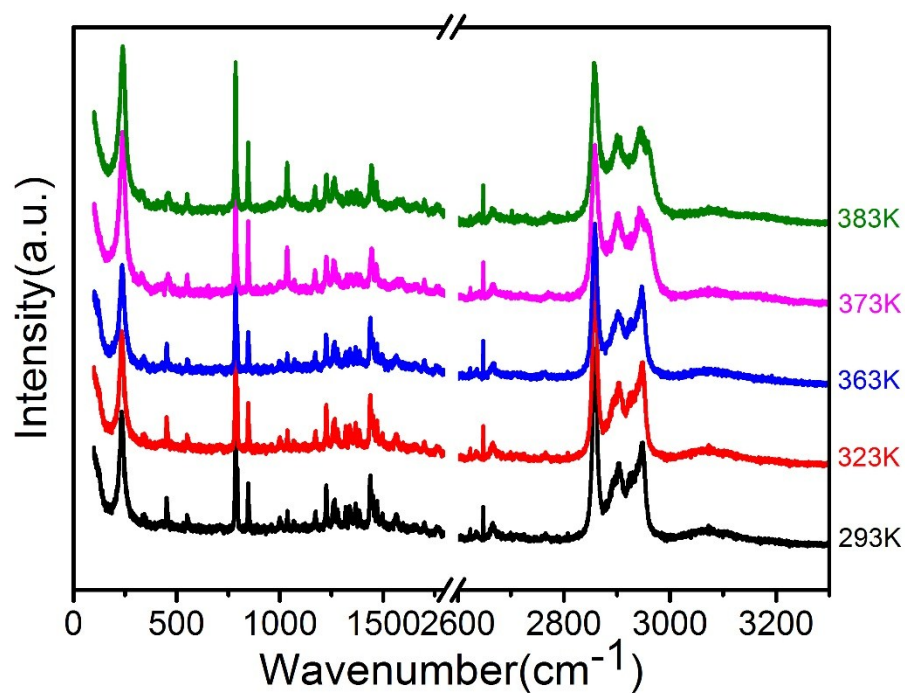


Figure S2: Raman spectra of the compound at 293K, 323K, 363K, 373K and 383K.

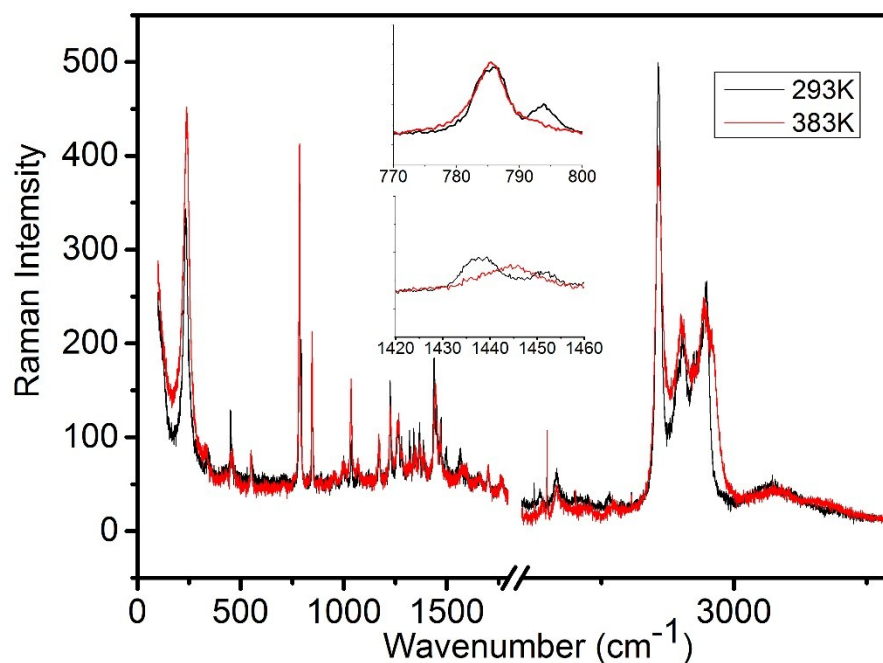


Figure S3: Raman spectra at RTP and HTP. The peaks at 785 cm^{-1} and 1445 cm^{-1} split at room temperature, which indicates the symmetry breaking of CHA cations.

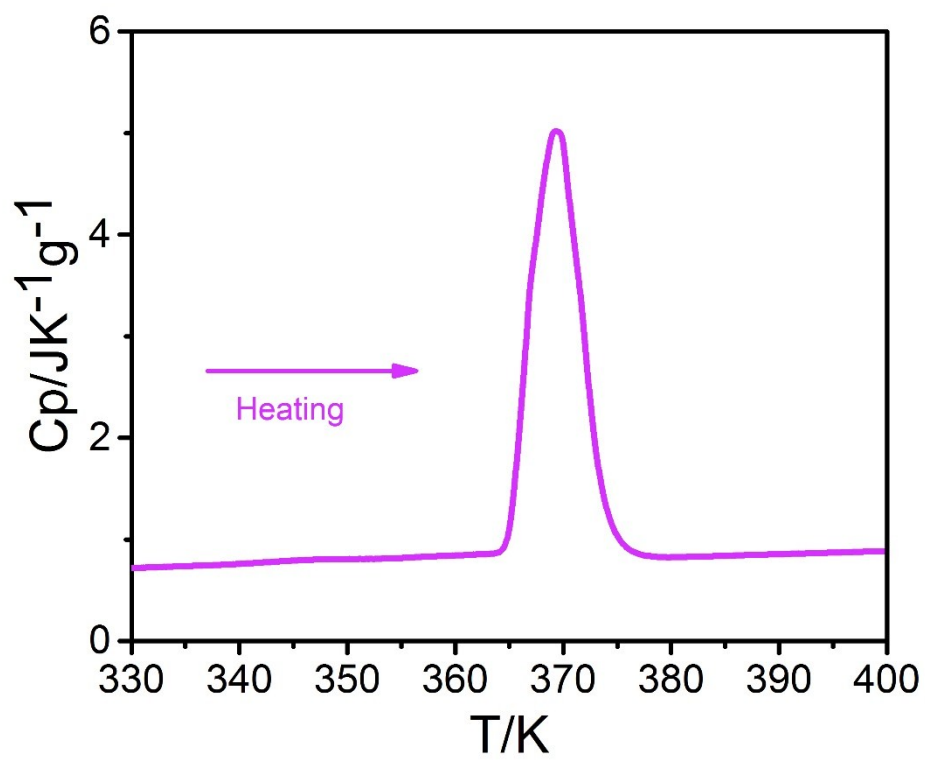


Figure S4: The temperature dependence of C_p of the compound in the heating process.