

Electronic supplementary information
Ultrafast Variation of Polarized State in Proton- π Electron Coupled
Ferroelectric Cocrystal Phz-H₂ca

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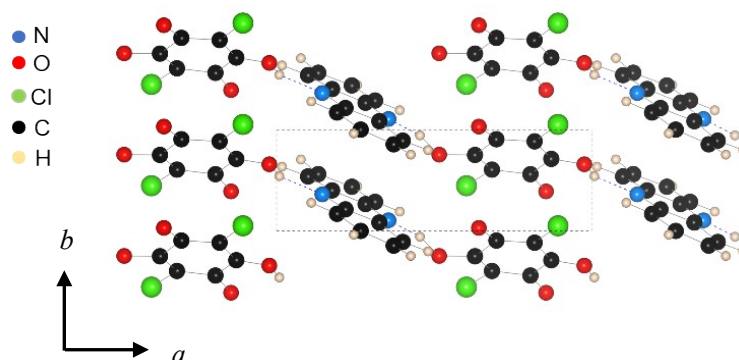


Figure S1 Molecular structures for Phz and H₂ca and crystal arrangement viewed along the *c*-axis in the ferroelectric phase.¹

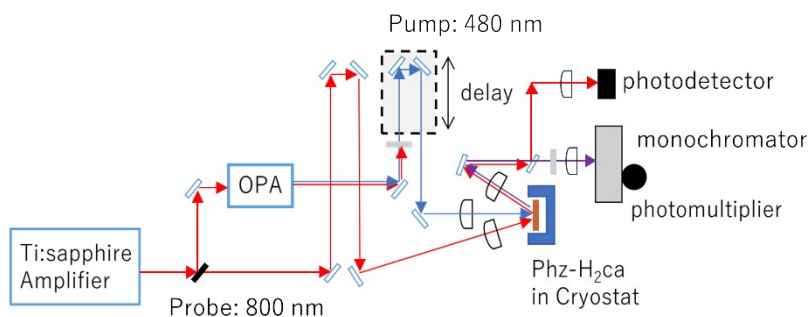


Figure S2 Schematic of experimental setup for the relative reflectance change ($\Delta R/R$) and relative SHG intensity change ($\Delta I_{SH}/I_{SH}$) measurements

References

[S1] R. Kumai, S. Horiuchi, H. Sagayama, T. Arima, M. Watanabe, Y. Noda and Y. Tokura, *J. Am. Chem. Soc.*, 2007, **129**, 12920-12921.