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Communication

**The Fascinating Non-centrosymmetric Copper(II) Phosphates
Synthesized via CsCl Salt-inclusion**

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Supporting Information:

Bulk Synthesis

Bulk Synthesis

A mixture of polycrystalline products of **1** and **2** can be prepared in an open system at ambient condition. $\text{CsOH}\cdot\text{H}_2\text{O}$ (2.0 mmol), $\text{Cu}(\text{OH})_2$ (7.0 mmol), $(\text{NH}_4)_2\text{HPO}_4$ (8.0 mmol), and CsCl (6.0 mmol) were ground in air, and loaded into a quartz tube in an upright position in the furnace. The reaction mixture was heated up to 550°C , and isothermed for 24 h, and then followed by slow cooling to room temperature. Greenish crystalline powder of **1** with ca. 80% yield (retrieved at the bottom of the tube) as well as light blue-greenish crystalline powder of **2** with ca. 20% yield (at the top) were obtained.