

Supporting information:

Controllable preparation and structures of two zinc phosphonocarboxylate frameworks with MER and RHO zeolitic topologies

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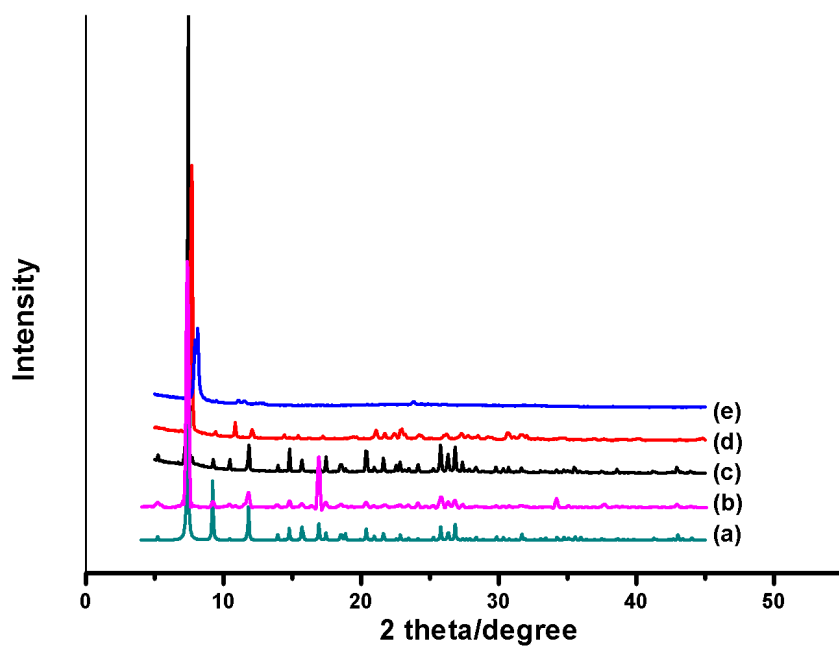


Figure S1. PXRD patterns of the structure **1**. (a) The simulated one based on the single crystal structure, (b) as-synthesized sample, and calcined samples at (c) 90 °C, (d) 150 °C and (e) 200 °C.

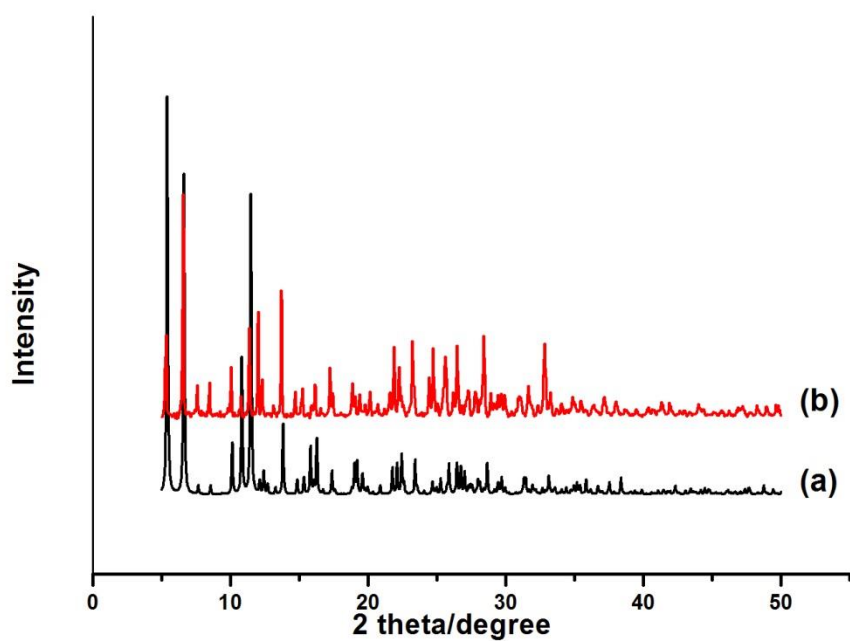


Figure S2. PXRD patterns of the structure **2**. (a) The simulated one based on the single crystal structure, (b) as-synthesized sample.

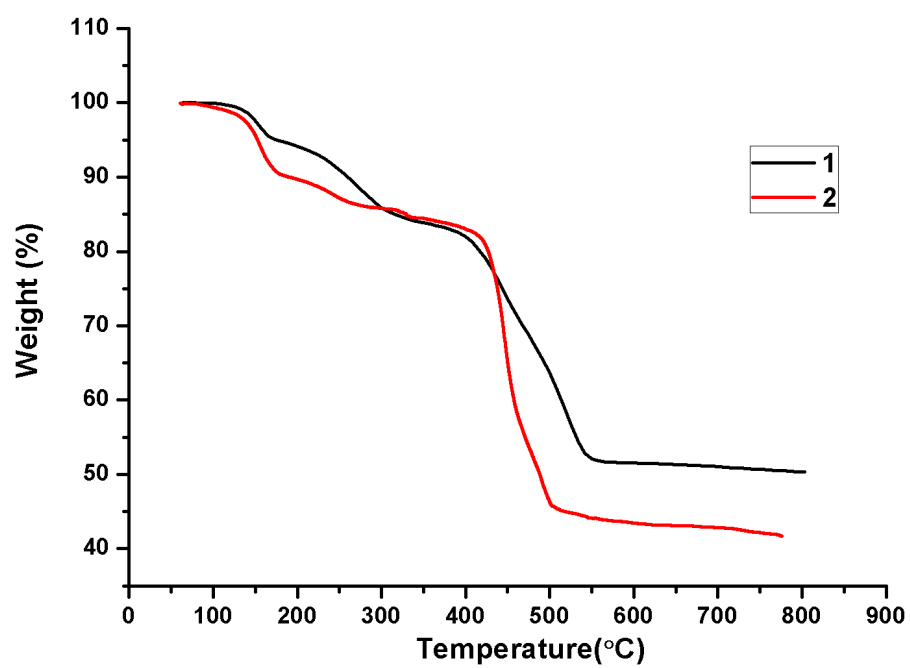


Figure S3. TGA curve of as-synthesized compounds 1 and 2.