

Supporting information

Size- and Morphology-Controlled Biomimetic Synthesis of Hierarchical Hollow BaCO₃

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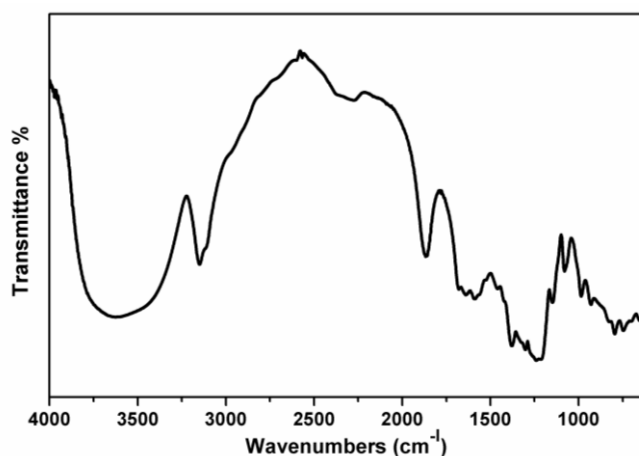


Figure S1 FT-IR spectra of anhydrous starch.

From the result, compared the IR spectrum of the BaCO₃-starch material with that of anhydrous starch, it could be found that the functional groups C-O and O-H could play the key role in the formation the BaCO₃ crystals with hollow superstructures.

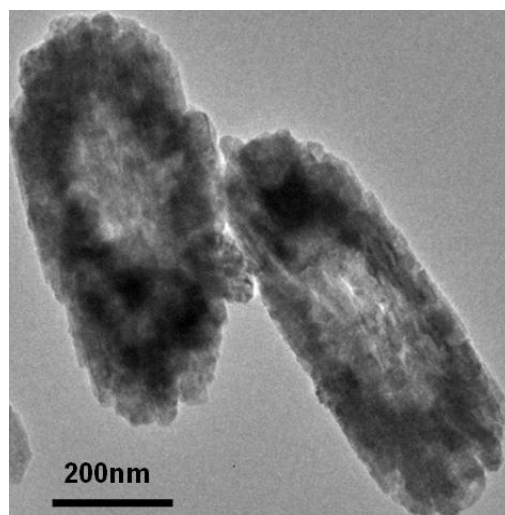


Figure S2 TEM images of a typical shuttle-like BaCO₃ sample calcined to 500 °C.