

Accepted Manuscript

Fabrication of morphology predictable nanomaterials by leveraging mesoporous silica as fabrication reactors

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PII: S1387-1811(17)30630-3

DOI: [10.1016/j.micromeso.2017.09.020](https://doi.org/10.1016/j.micromeso.2017.09.020)

Reference: MICMAT 8561

To appear in: *Microporous and Mesoporous Materials*

Received Date: 7 July 2017

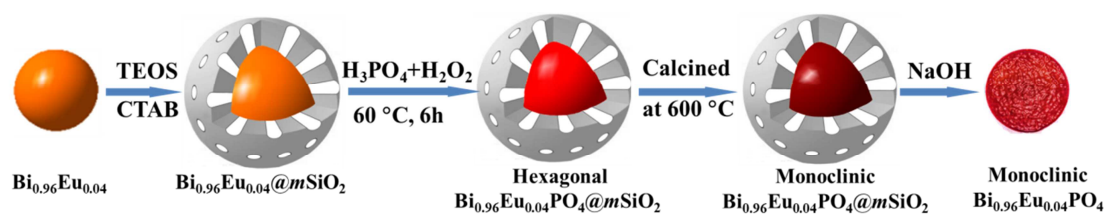
Revised Date: 1 September 2017

Accepted Date: 15 September 2017

Please cite this article as: Y. Zhu, Y. Liang, S. Liu, K. Li, W. Lei, Fabrication of morphology predictable nanomaterials by leveraging mesoporous silica as fabrication reactors, *Microporous and Mesoporous Materials* (2017), doi: 10.1016/j.micromeso.2017.09.020.

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Graphical Abstract



Here, we demonstrate a novel methodology to fabricate nanomaterials with controlled morphology and physical properties. The morphology of the product is insensitive to external experimental conditions, and only determined by precursors. As a test vehicle, this novel methodology has been applied to fabricate Bi_{0.96}Eu_{0.04}PO₄ nanomaterials successfully.

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