Supplementary Material (ESI) for CrystEngComm
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Electronic Supplementary Information

Ascorbic acid-assisted solvothermal growth of γ-In_2Se_3 hierarchical flowerlike architectures

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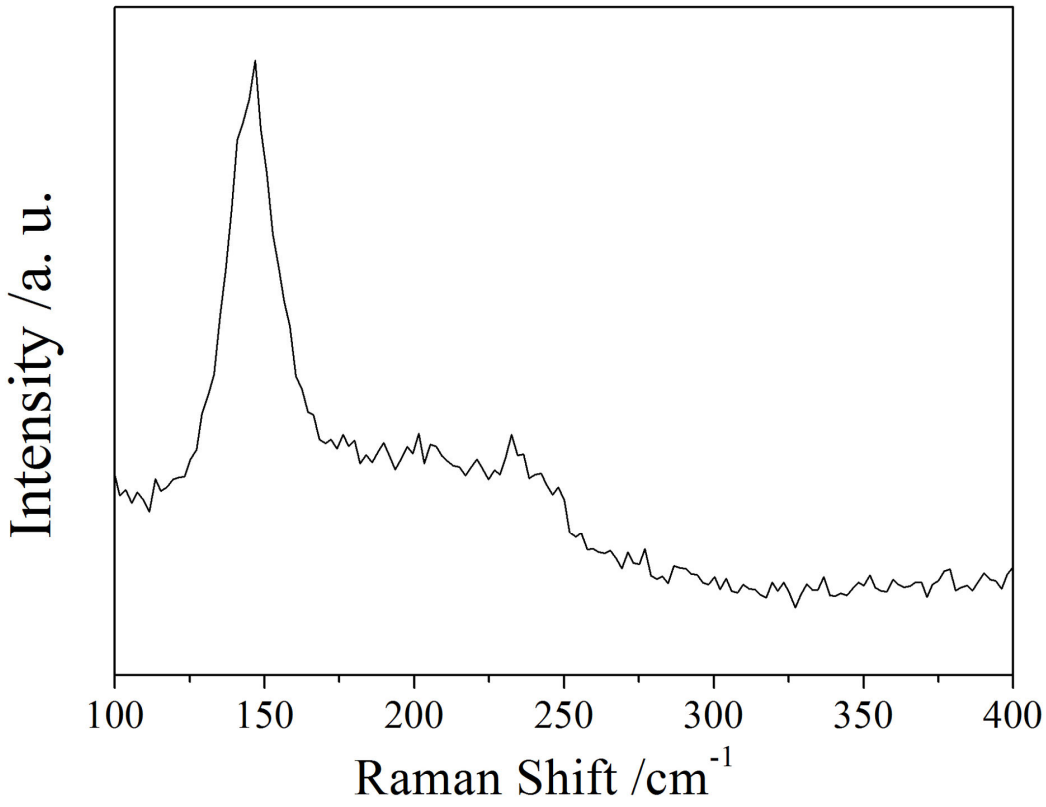

Fig. S1 The Raman scattering spectrum of the typical product.

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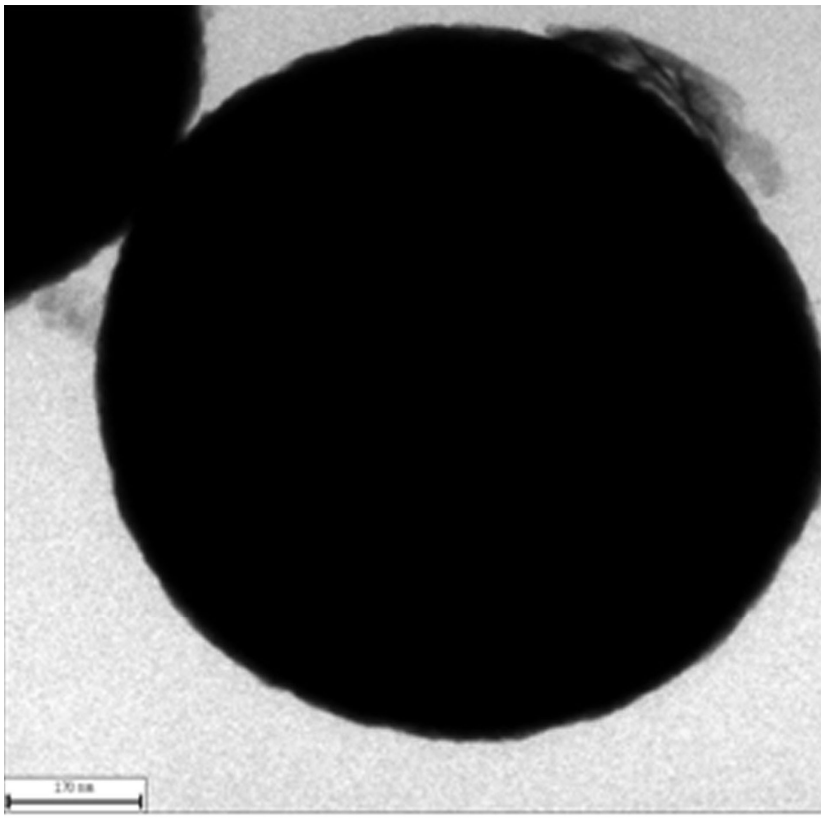

Fig. S2 The TEM image of common sphere when the reaction time is 1.5 h.

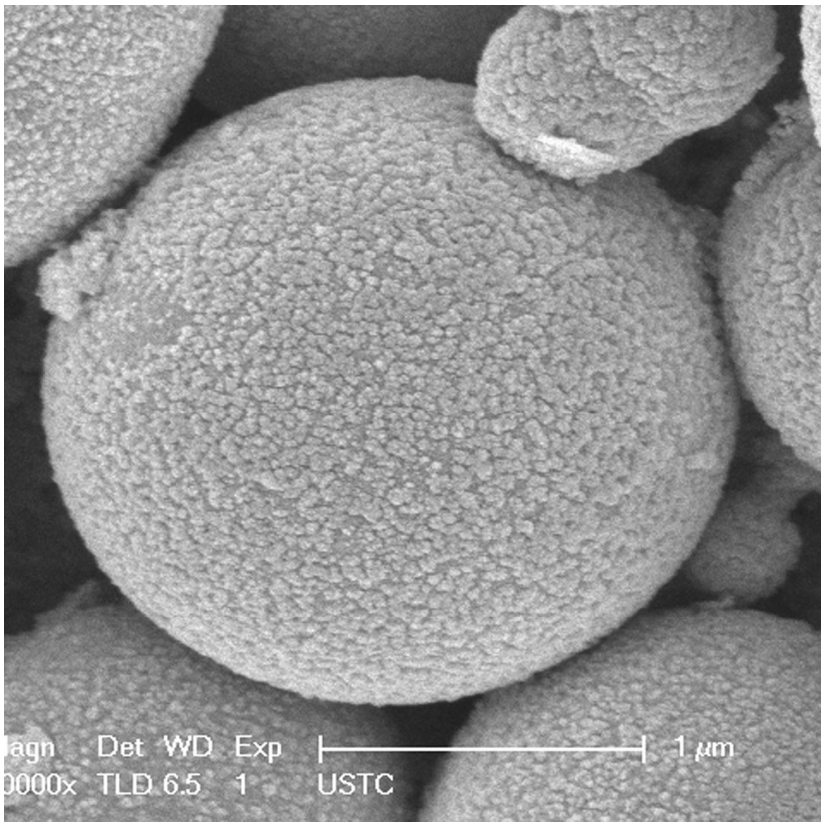

Fig. S3 The SEM image of common sphere when the reaction time is 1.5 h.

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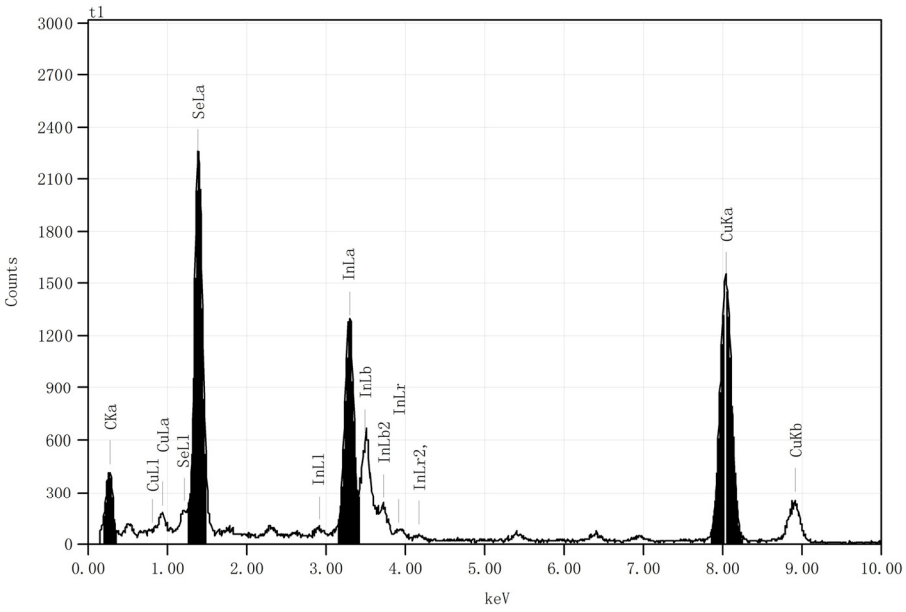

Fig. S4 The EDX image of common sphere when the reaction time is 1.5 h.

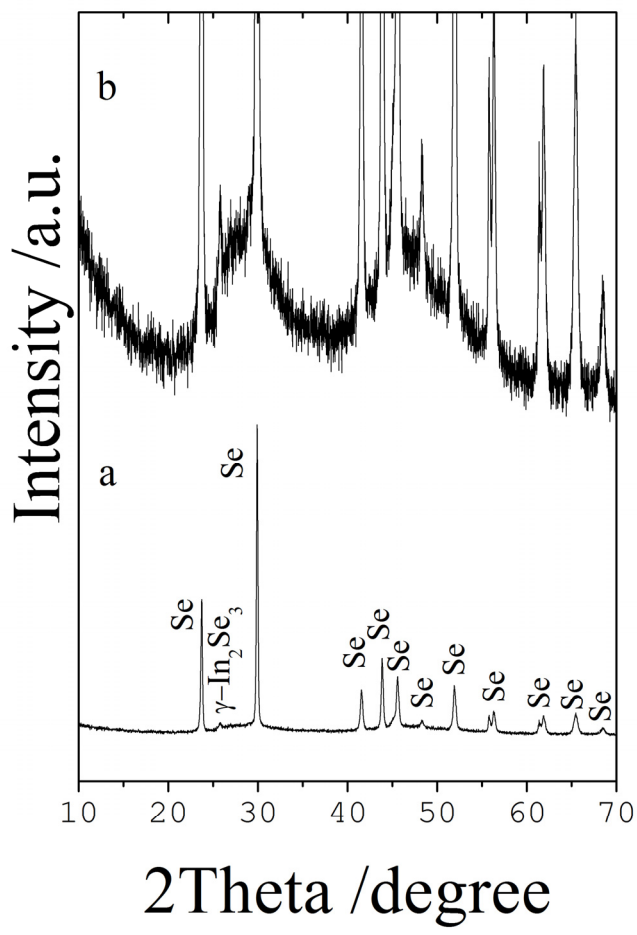

Fig. S5 (a) XRD patterns of sample synthesized at 220 °C for 1 h, (b) the magnification image of (a), which demonstrates the existence of amorphous indium selenide.

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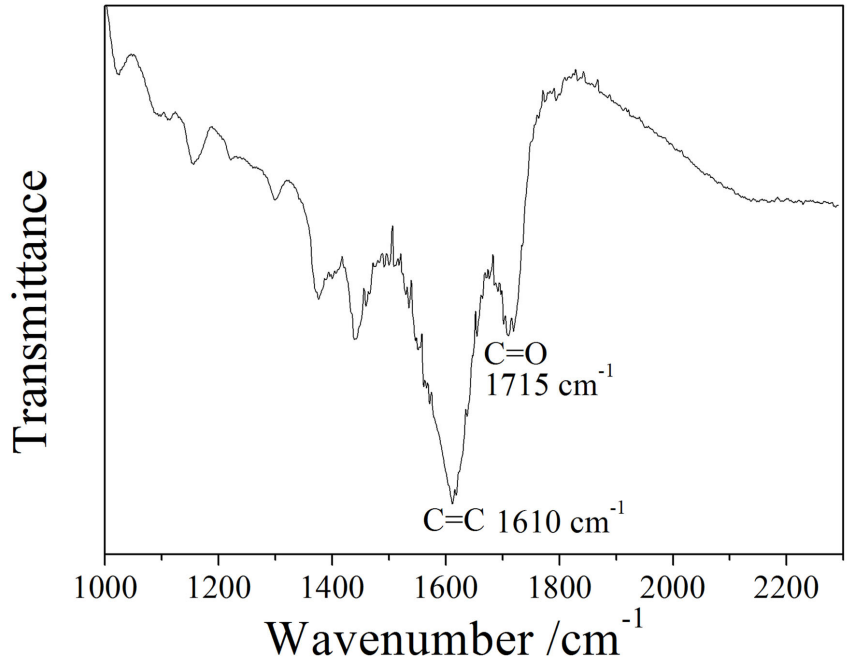

Fig. S6 The FTIR spectrum of the In_2Se_3 flowerlike microsphere.

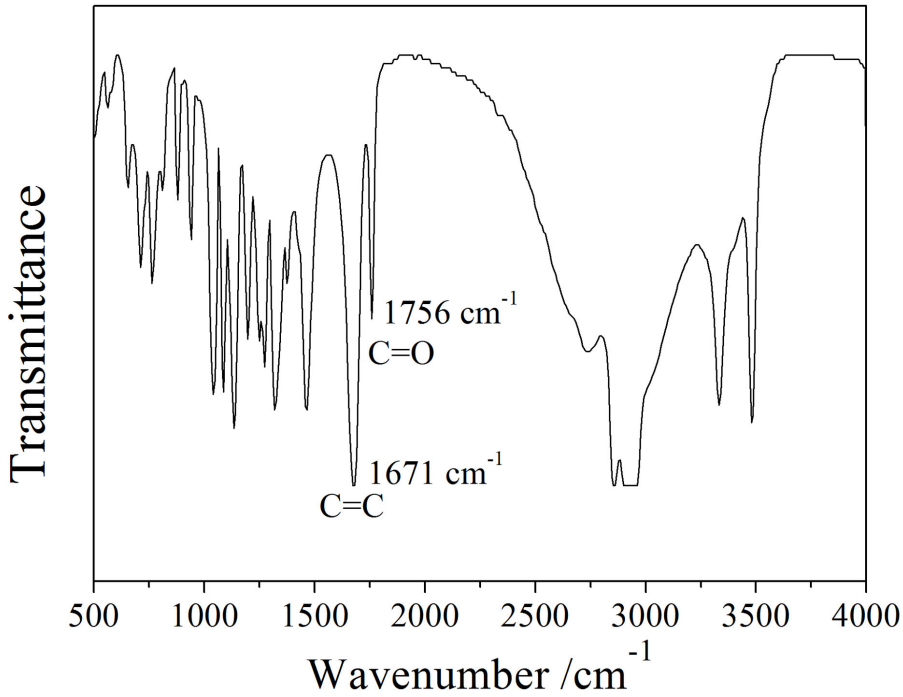

Fig. S7 The FTIR spectrum of the standard ascorbic acid.

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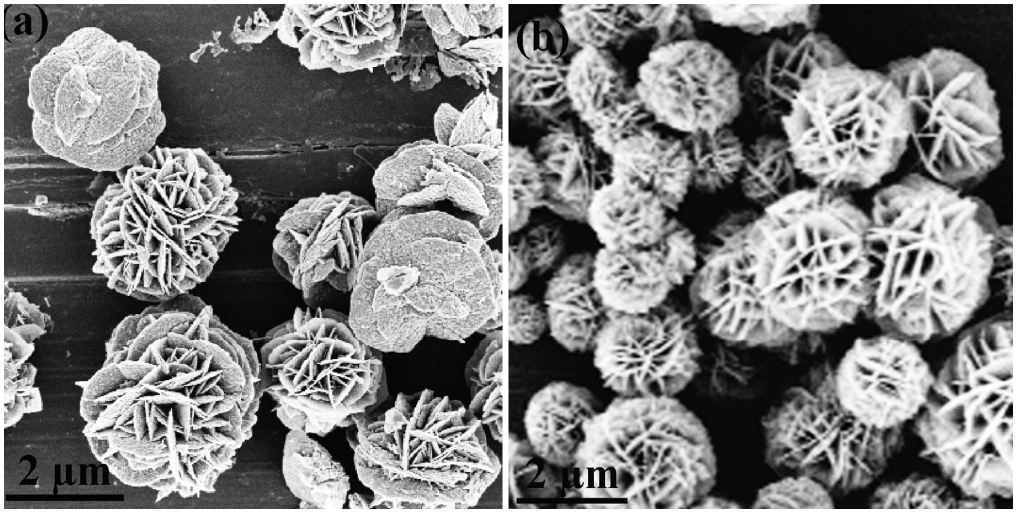

Fig. S8 SEM images of the samples when the ascorbic acid is (a) 1 mmol, and (b) 3 mmol.

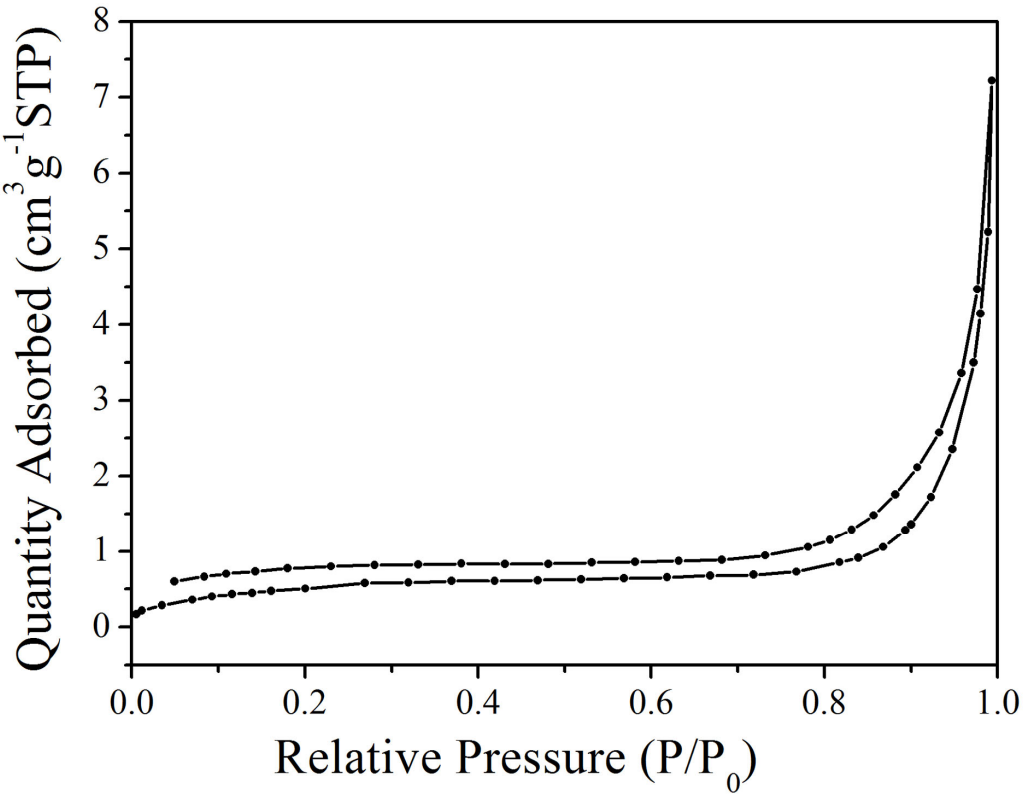

Fig. S9 Nitrogen adsorption-desorption isotherms of the truncated double hexagonal pyramids.

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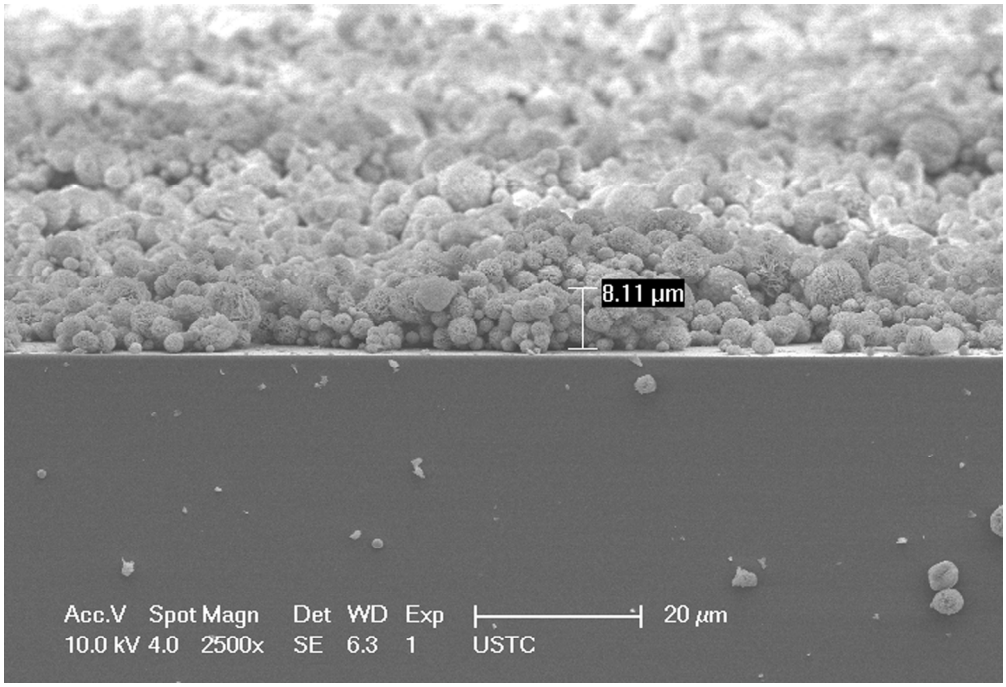

Fig. S10 SEM image of the side of the film consisted of In_2Se_3 flowerlike microspheres.