

## Supporting Information

### **Facile synthesis of homogeneous CuInS<sub>2</sub> quantum dots with tunable near-infrared emitting**

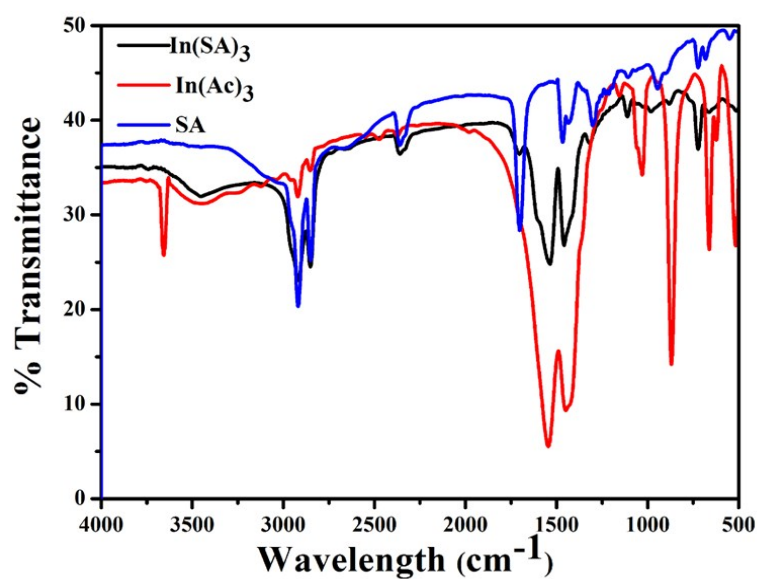
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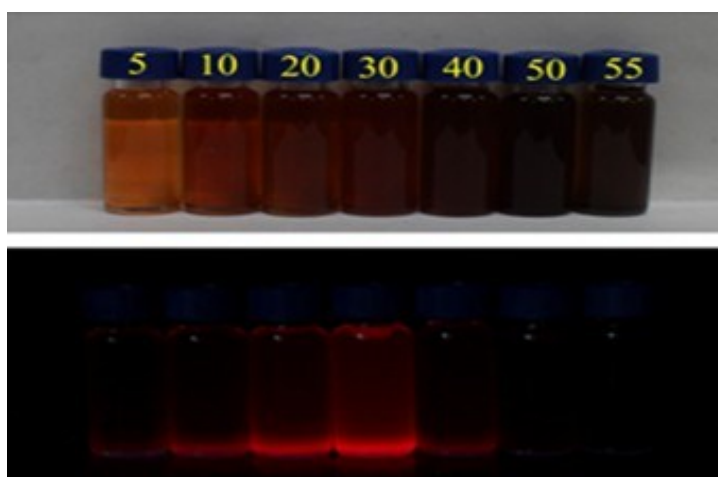
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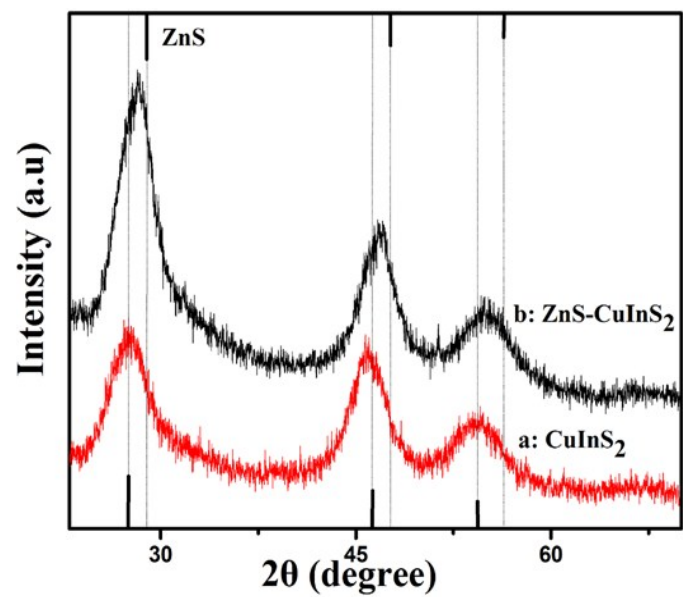
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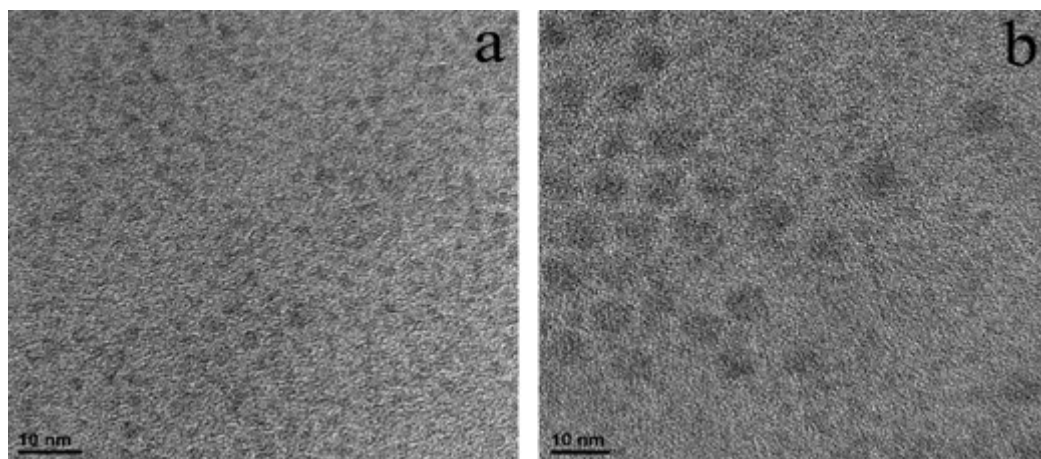
**Figure S1.** FT-IR spectra of SA, In(Ac)<sub>3</sub> and In(SA)<sub>3</sub>.



**Figure S2.** Photograph of different sized CuInS<sub>2</sub> nanoparticles under sunlight (upper) and UV light (lower) irradiation.



**Figure S3.** XRD patterns of CuInS<sub>2</sub> (a) and CuInS<sub>2</sub>/ZnS (b).



**Figure S4.** (a) HRTEM images of CuInS<sub>2</sub> and (b) CuInS<sub>2</sub>/ZnS QDs.