

Supporting Information

CsPbX₃/LaPO₄:Eu³⁺ Dual-Emission Composites with Stimuli-Responsive Fluorescence Switching for Advanced Anti-Counterfeiting

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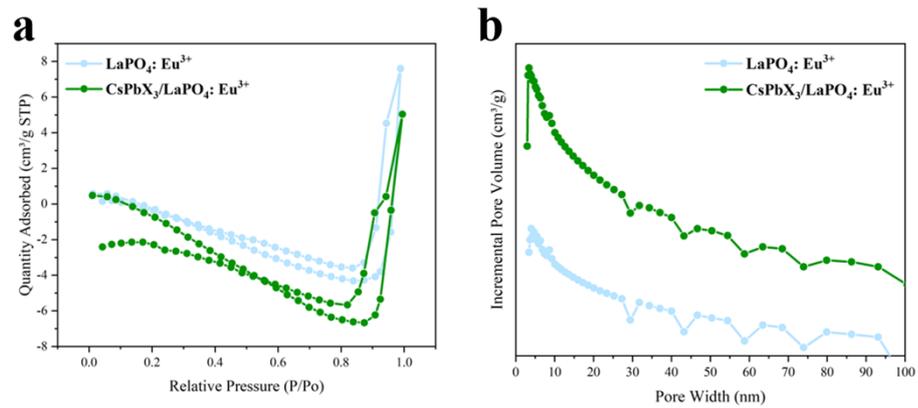


Figure S1. (a) Nitrogen adsorption-desorption isotherms of LaPO₄:Eu³⁺ and CsPbX₃/LaPO₄:Eu³⁺. (b) Pore size distribution curves of LaPO₄:Eu³⁺ and CsPbX₃/LaPO₄:Eu³⁺

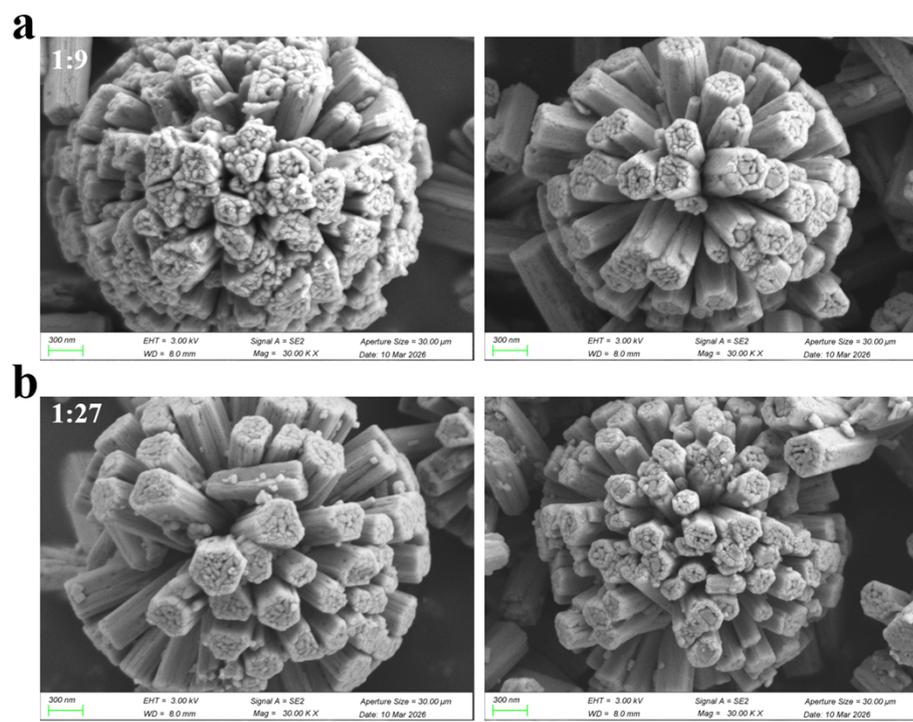


Figure S2. SEM images with $\text{CsPbX}_3 : \text{LaPO}_4 : \text{Eu}^{3+}$ ratios of (a) 1:9 and (b) 1:27

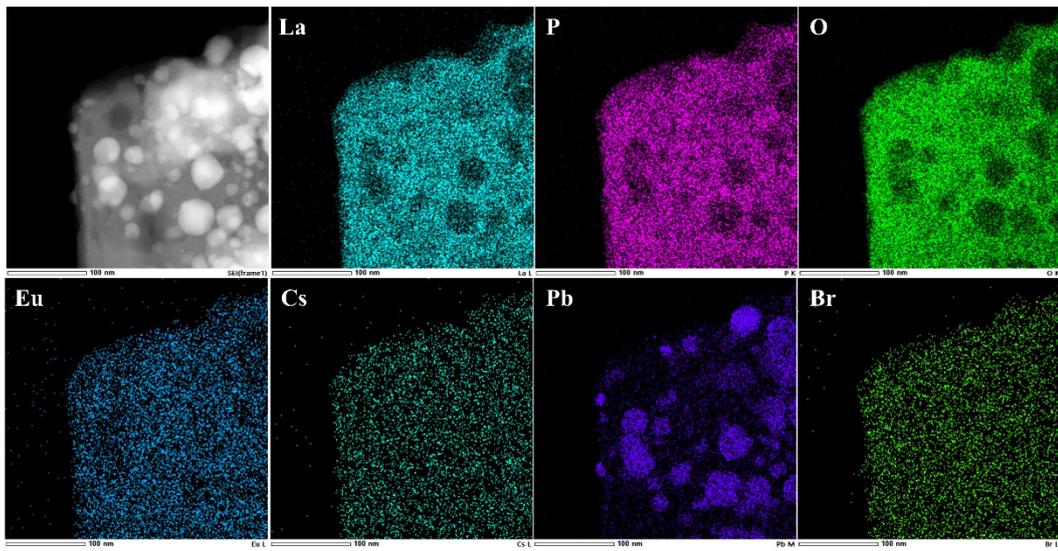


Figure S3. The element mapping of CsPbX₃/LaPO₄:Eu³⁺

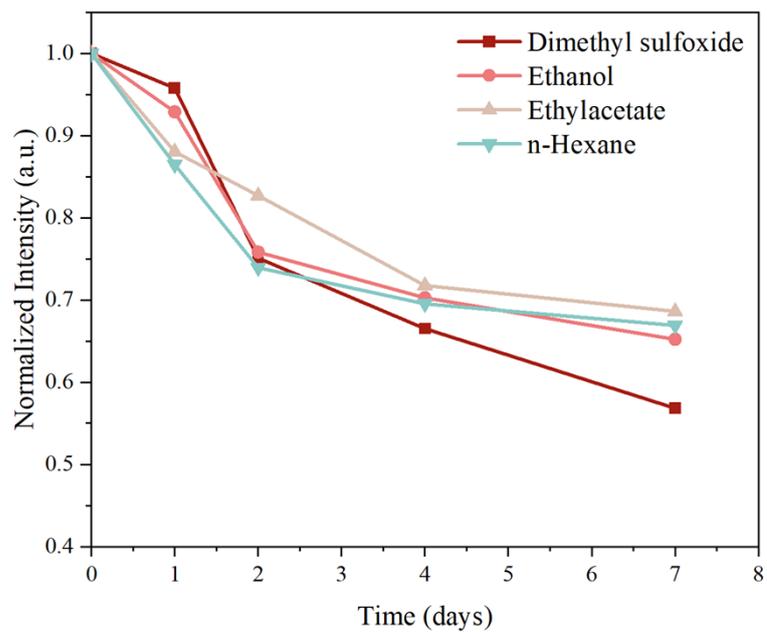


Figure S4. Normalized photoluminescence intensity of CsPbBr₃/LaPO₄: Eu³⁺ composite under different solvents.