

Electronic supplementary information

Controlled synthesis of bifunctional 3D BiOBr:Eu³⁺ hierarchitectures by tunable thickness for enhanced visible light photocatalytic activities and mechanism insight

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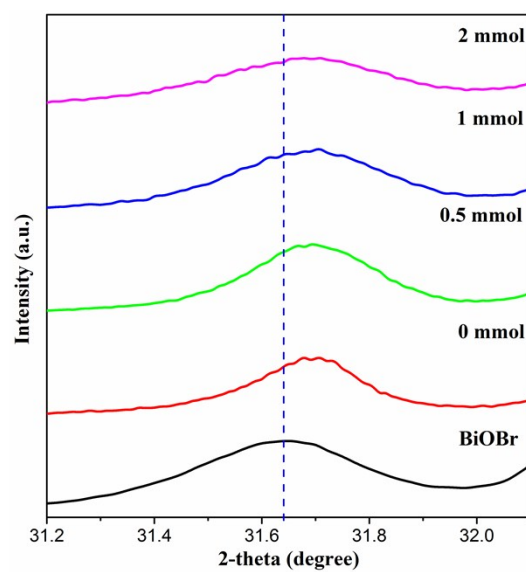


Fig. S1. The main diffraction peak near $2\theta = 31.2^\circ - 32.1^\circ$ of pure BiOBr and BiOBr:Eu³⁺ HNs with different amounts of sodium citrate.

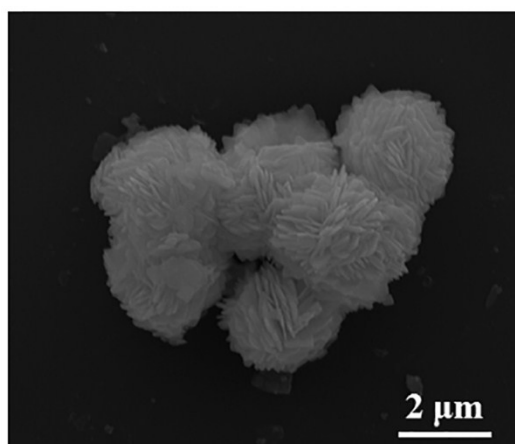


Fig. S2. SEM images of pure BiOBr HNs.

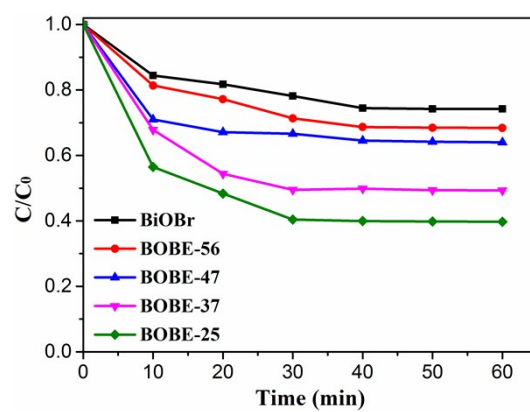


Fig. S3. Adsorption property of BiOBr:Eu³⁺ HNs with different thickness in the dark.