

Supplementary Information

for

**Well-crystallized square-like 2D BiOCl nanoplates: mannitol-assisted hydrothermal
synthesis and improved visible-light-driven photocatalytic performance**

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Fig. S1 EDX spectrum of the as-synthesized square-like BiOCl nanoplates. The Cu signal comes from the copper grid.

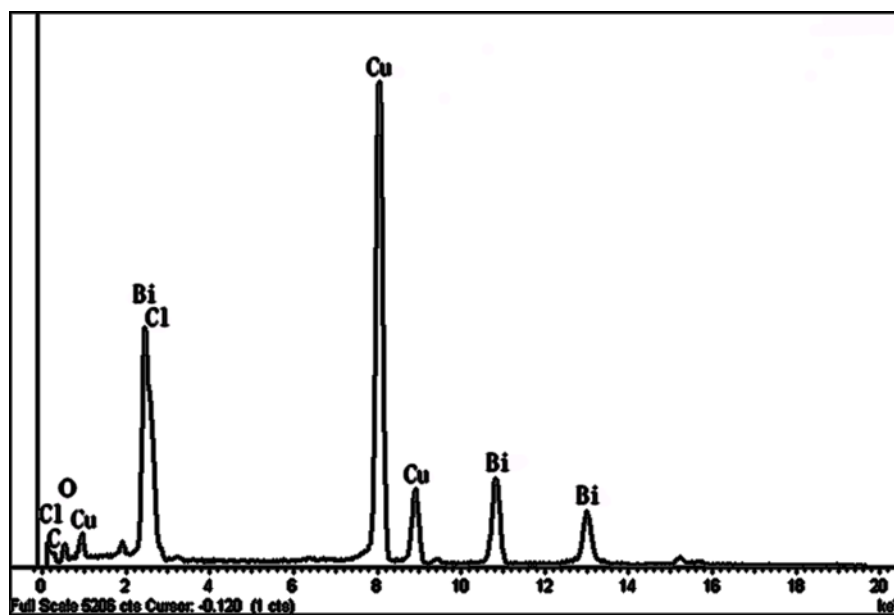


Fig. S2 SEM image of commercial BiOCl.

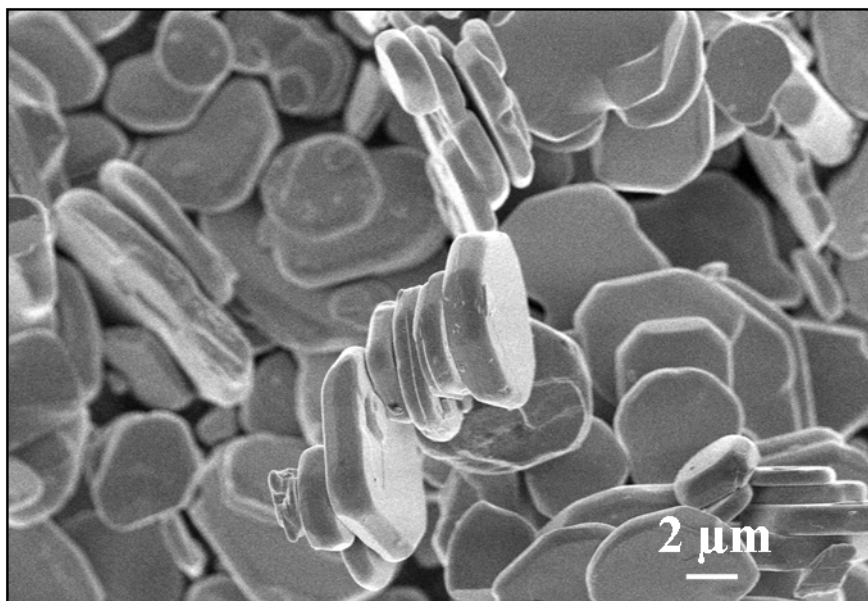


Fig. S3 The photograph images of 100 mL (10^{-5} M) RhB solution in the presence of 0.1 g square-like BiOCl nanoplates during adsorption in the dark and under visible light irradiation.

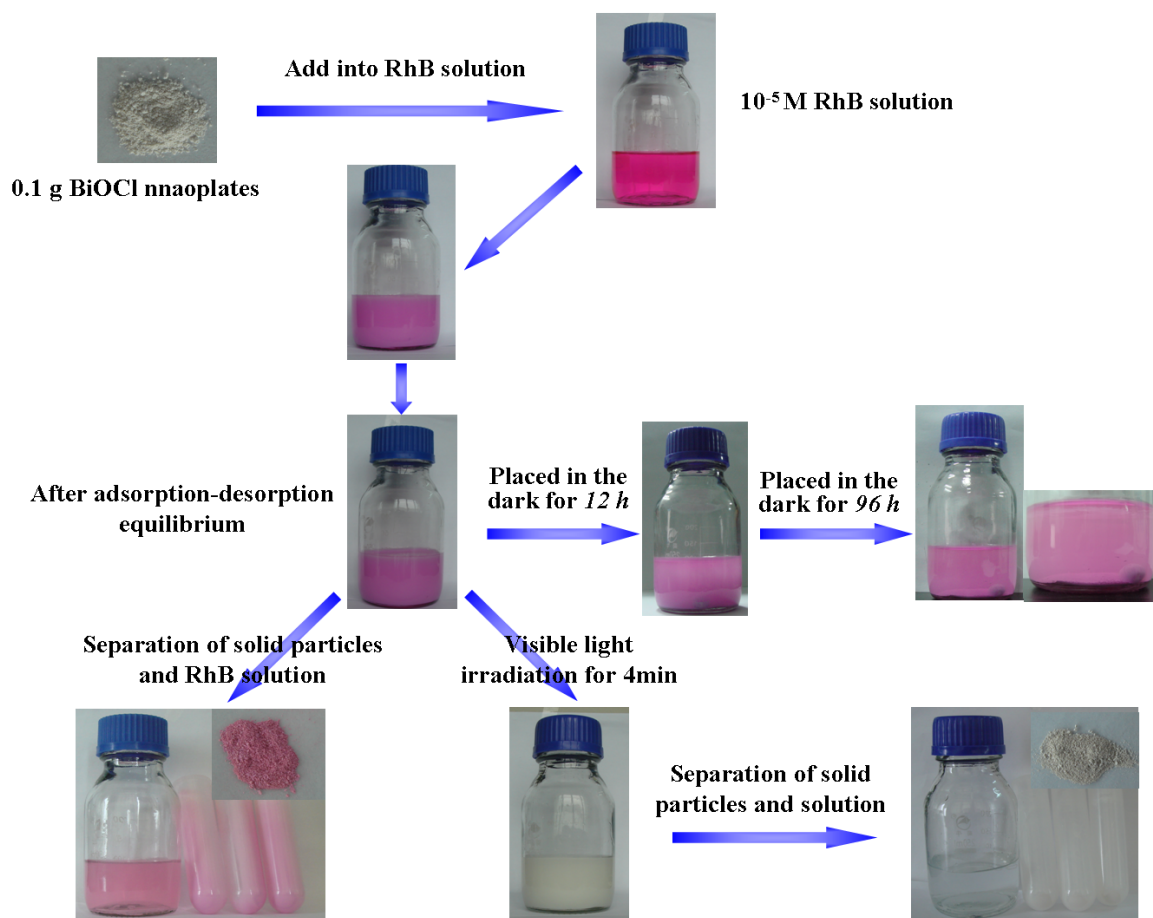


Fig. S4 XRD patterns of the square-like BiOCl nanoplates before (a) and after (b) photodegradation.

