

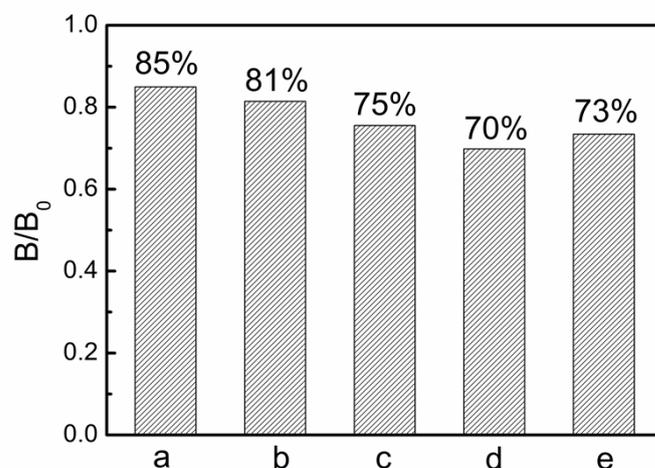
## Novel carbon sphere@Bi<sub>2</sub>MoO<sub>6</sub> core-shell structure for efficient visible light photocatalysis

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**Fig. S1** Bar plot showing the remaining RhB in the solution after reaching the adsorption equilibrium in the dark by using (a) Bi<sub>2</sub>MoO<sub>6</sub>, (b) CS@BMO-2, (c) CS@BMO-5, (d) CS@BMO-7, (e) CS-BMO.

Fig. S1 shows the result of RhB adsorption experiments. The normalized temporal concentration changes ( $B/B_0$ ) of RhB during the adsorption process are proportional to the normalized maximum absorbance ( $A/A_0$ ), which can be derived from the change in the RhB absorption profile during the adsorption process.