Electronic Supplementary Information for

A Self-sacrifice Template Route to Iodine Modified BiOIO₃: Band Gap Engineering and Highly Boosted Visible-Light Active Photoreactivity

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Sai	mples	BiOIO ₃	IB-1	IB-2	IB-3	IB-4
c/c ₀	RhB	97.23%	96.65%	98.43%	93.38%	94.55%
c/c ₀	МО	98.06%	97.28%	96.34%	96.58%	98.54%

Table S1. The adsorption data of RhB and MO in darkness.

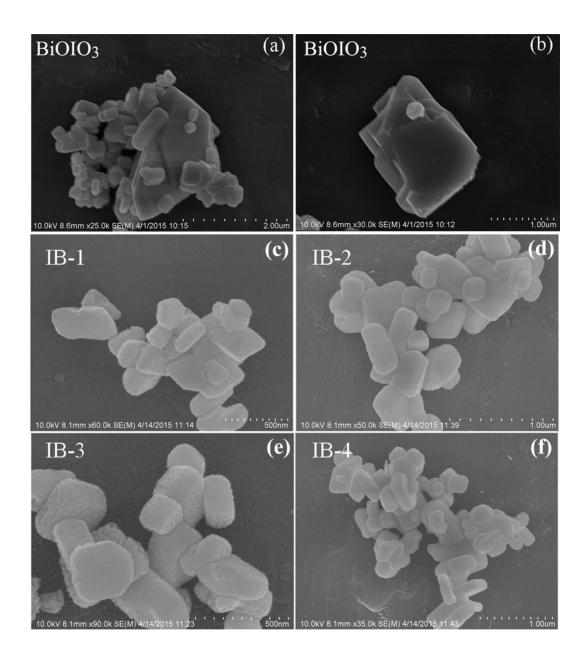


Figure S1. SEM images of (a, b) BiOIO₃, (c) IB-1, (d) IB-2, (e) IB-3 and (f) IB-4.

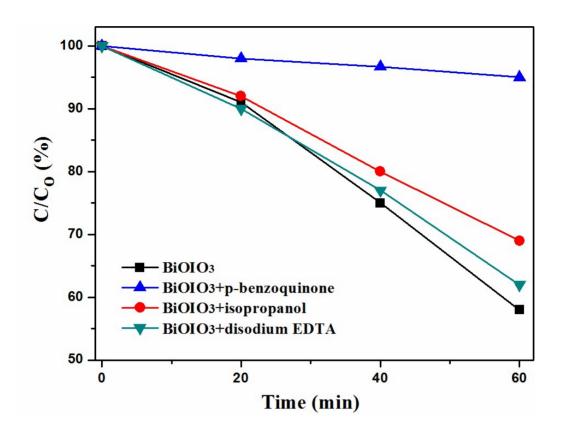


Figure S2. Photodegradation of RhB over BiOIO₃ in the presence of different scavengers under visible light (λ >420 nm).