

## Supporting Information

### **Bi<sub>2</sub>S<sub>3</sub>@NH<sub>2</sub>-UiO-66 Composites Modulated by Covalent Interfacial Reactions with Boosting Photodegradation and Oxidative Coupling of Primary Amine**

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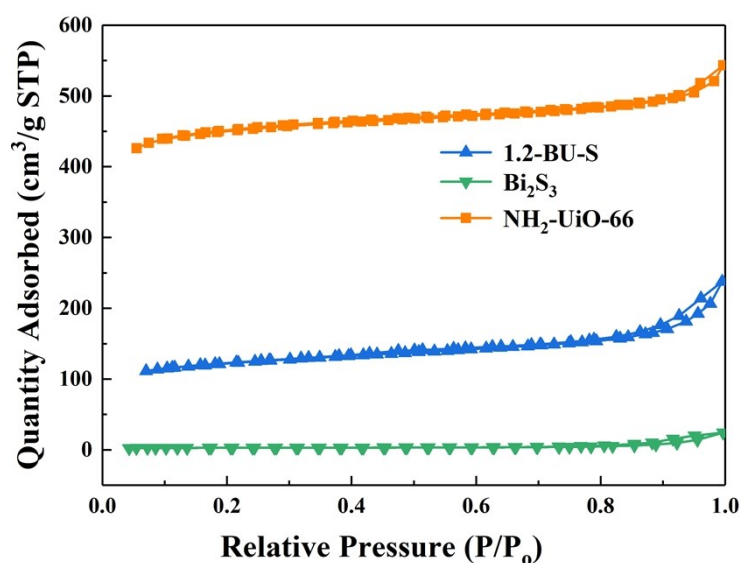


Figure S1. The N<sub>2</sub> adsorption-desorption isotherms obtained at 77 K.

Table S1 The S<sub>BET</sub> and pore volume data obtained for the various samples.

Samples	S <sub>BET</sub> (m <sup>2</sup> g <sup>-1</sup> )	V <sub>t</sub> (cm <sup>3</sup> g <sup>-1</sup> )
Bi <sub>2</sub> S <sub>3</sub>	9.1	0.003
NH <sub>2</sub> -UiO-66	1377.6	0.642
1.2-BU-S	383.5	0.166

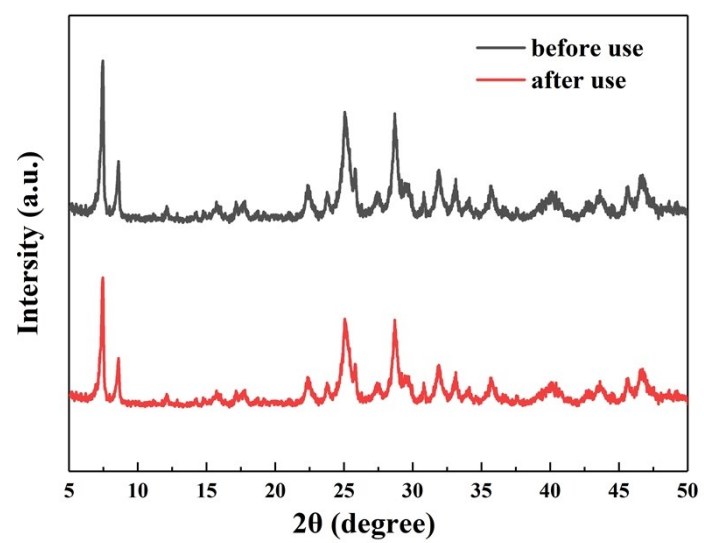


Figure S2. The PXRD patterns of the 1.2-BU-S before and after 5 cycles.