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Supporting Information

Bi₂S₃@NH₂-UiO-66 Composites Modulated by Covalent Interfacial Reactions with Boosting Photodegradation and Oxidative Coupling of Primary Amine

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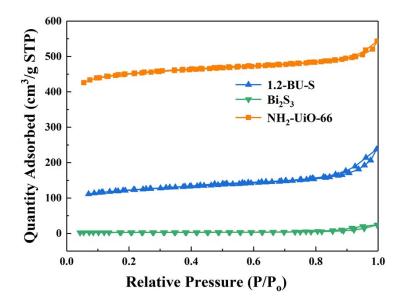


Figure S1. The N₂ adsorption-desorption isotherms obtained at 77 K.

| Table S1 T | he Spet and | pore vo | lume data | obtained | for the | various | samples |
|------------|-------------|---------|------------|----------|---------|---------|----------|
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| Samples | $S_{BET}(m^2 g^{-1})$ | $V_t(cm^3 g^{-1})$ |
|--------------------------------|-----------------------|--------------------|
| Bi ₂ S ₃ | 9.1 | 0.003 |
| NH ₂ -UiO-66 | 1377.6 | 0.642 |
| 1.2-BU-S | 383.5 | 0.166 |

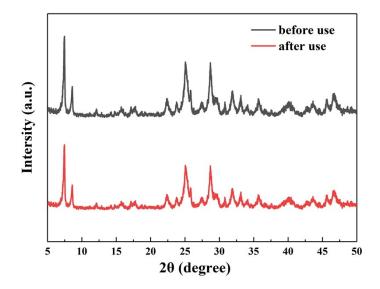


Figure S2. The PXRD patterns of the 1.2-BU-S before and after 5 cycles.