

Supporting information for

**A Bismuth-Based Metal-Organic Framework with Potential
Application in Organic Pollutant Removal**

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1. Crystallographic information

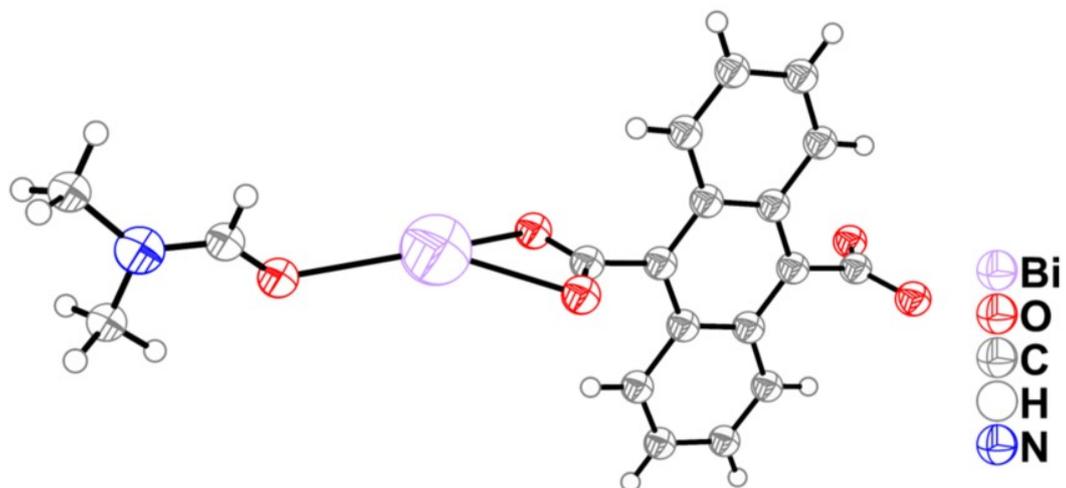


Figure S1. ORTEP drawing of the asymmetric unit of **Bi-MOF720-1**. Thermal ellipsoids are shown at 50% probability.

2. Structure Determination and Characterization

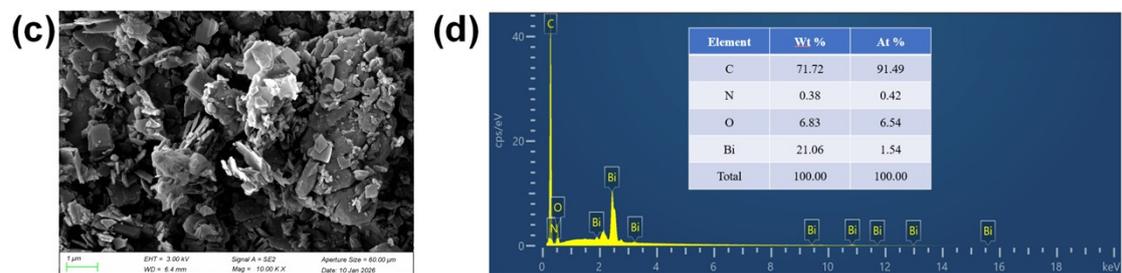
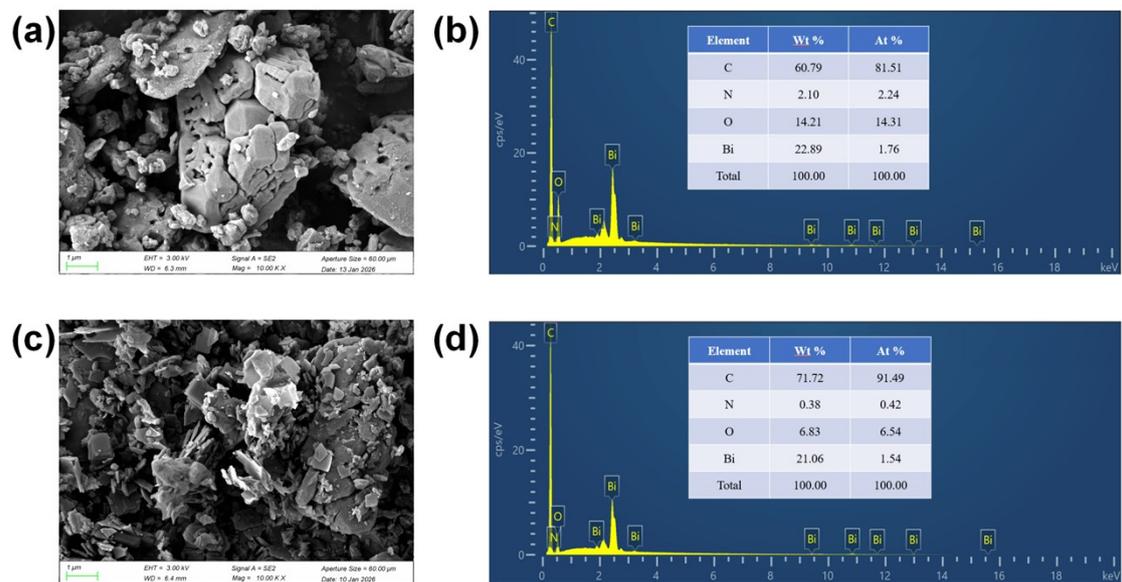


Figure S2. (a) SEM and (b) EDS of pristine **Bi-MOF720-1**. (c) SEM and (d) EDS of **Bi-MOF720-1** post-treatment.

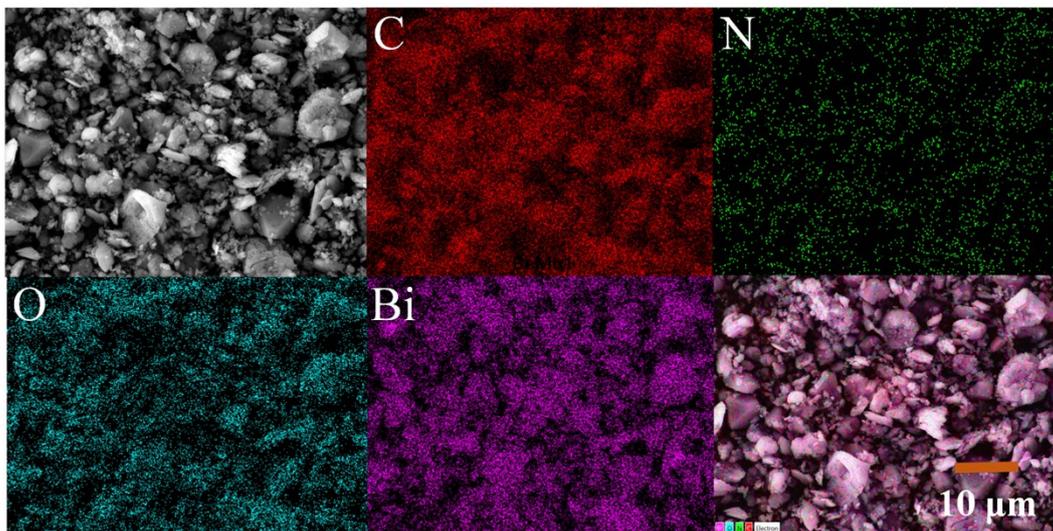


Figure S3. The SEM-EDS elemental mapping of Bi-MOF720-1.

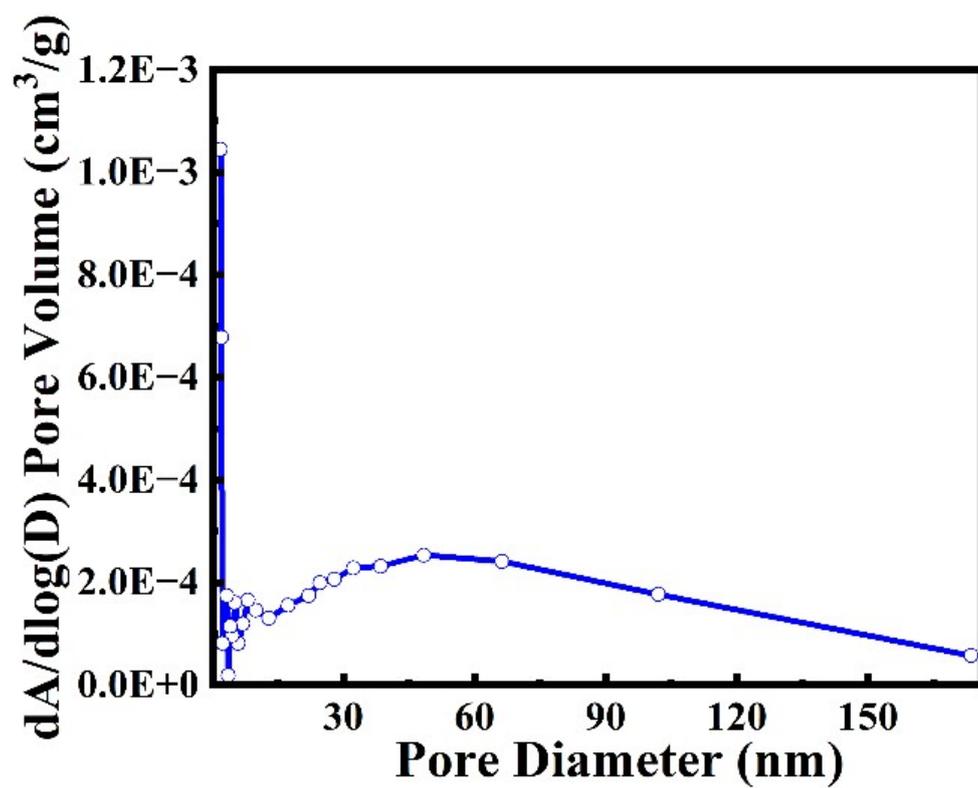


Figure S4. Pore size distribution of Bi-MOF720-1.

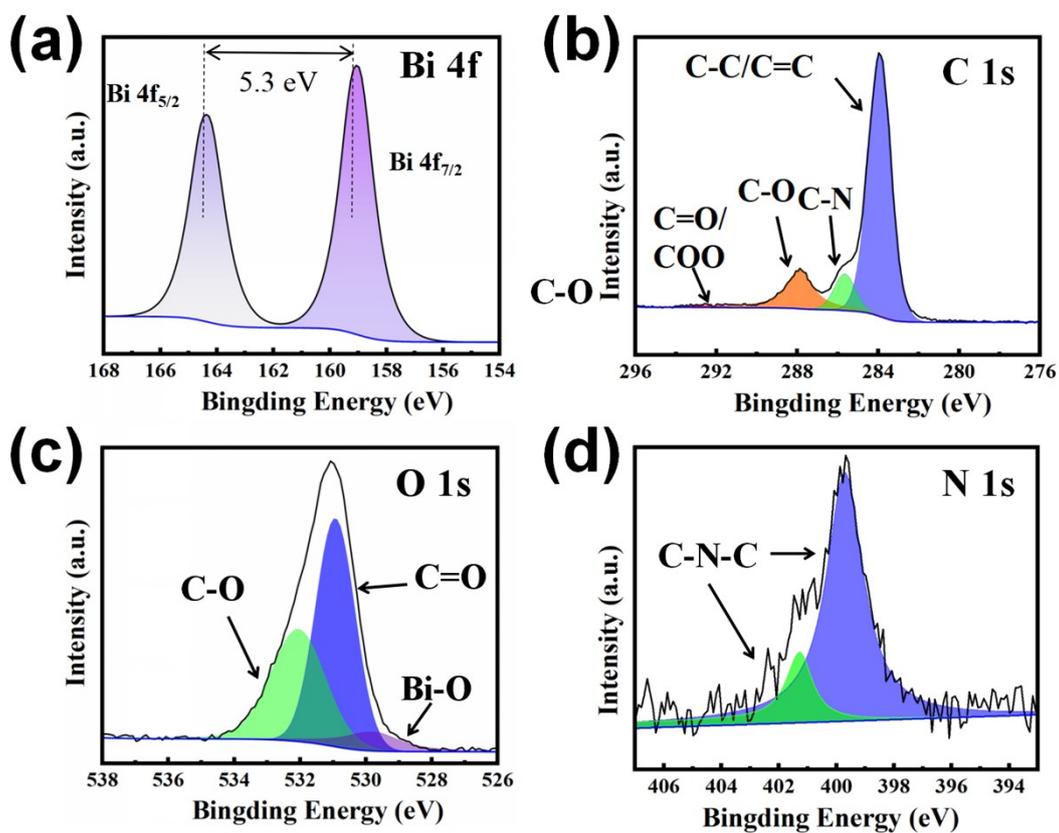


Figure S5. High-resolution XPS spectra of a) Bi 4f, b) C 1s, c) O 1s, and d) N 1s of **Bi-MOF720-1**.

Table S1. The calculated and the EA measured elemental contents of C, H, N and O in **Bi-MOF720-1**.

| | | C(%) | H(%) | N(%) | O(%) |
|--------------------|------|-------|------|------|-------|
| Bi-MOF720-1 | Cal. | 48.07 | 4.03 | 5.10 | 17.46 |
| | Exp. | 46.80 | 3.12 | 3.33 | 18.66 |