

Supporting Information

A novel paper-based electrochemical biosensor based on N,O-rich covalent organic frameworks for carbaryl detection

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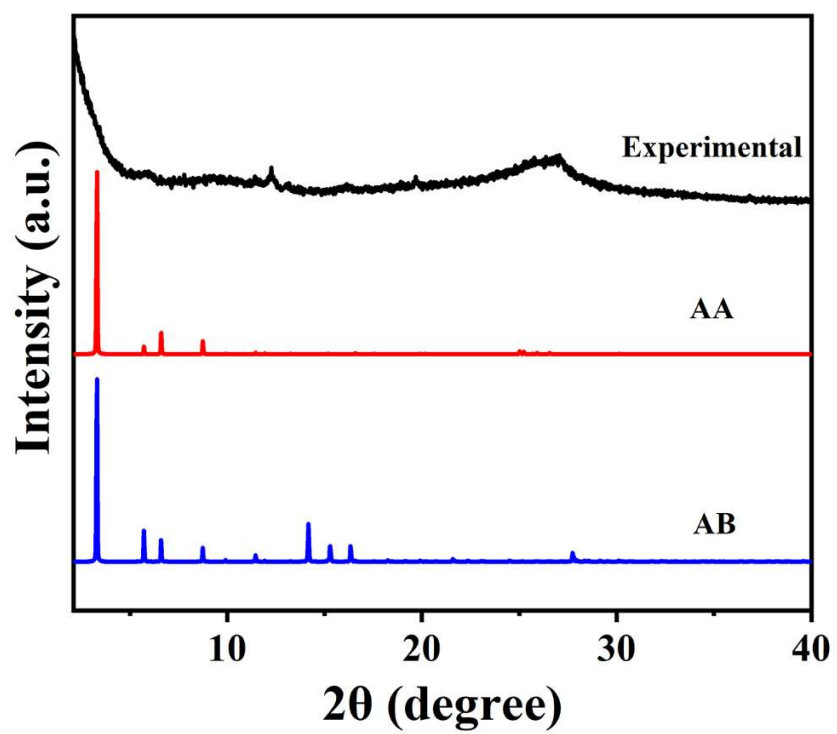


Figure S1. Image of experimental and simulated XRD pattern for AA stacking and AB stacking structure of $\text{COF}_{\text{DHNDA-BTH}}$.

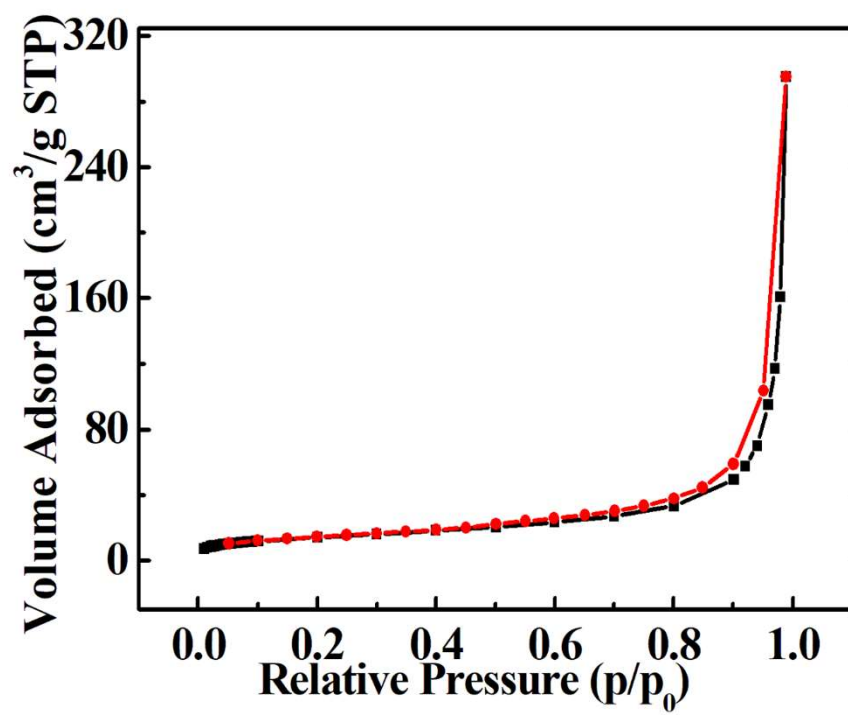


Figure S2. Image of pore size distribution of COF_{DHNDA-BTH}.

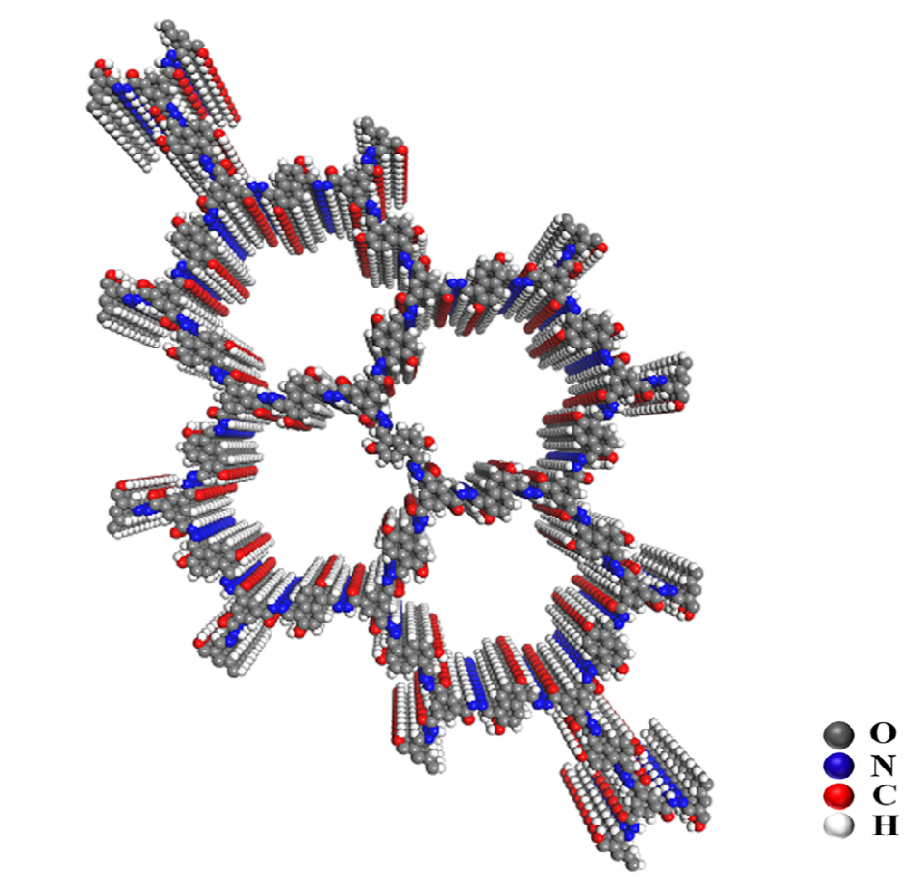


Figure S3. Image of π - π stacking distance of the layers of COF_{DHNDA-BTH}.

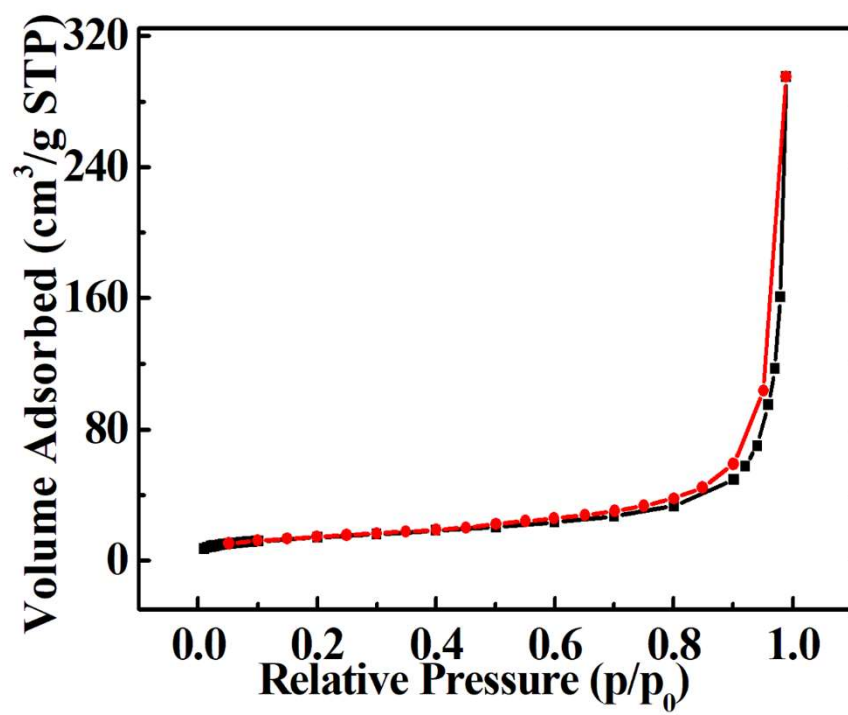


Figure S4. Image of BET pattern of COF_{DHNDA-BTH}.

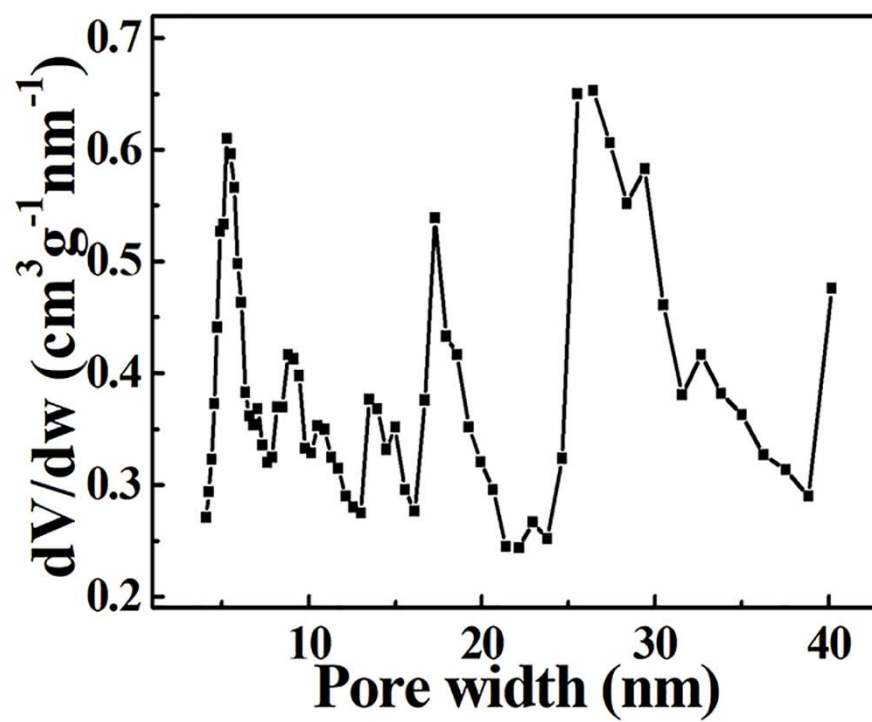


Figure S5. Image of pore size distribution of COF_{DHNDA-BTH}.

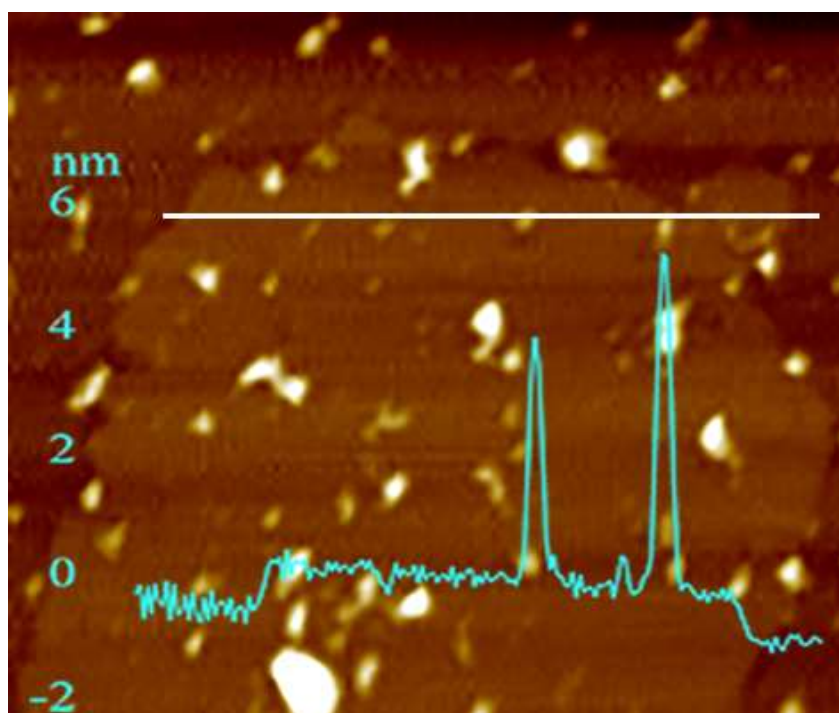


Figure S6. Image of AFM of AChE/COF_{DHNDA-BTH}.