



## **CuCo Bimetal Organic Framework, 150 nm**

### **PRODUCT DATA SHEET**

## **CuCo Bimetal Organic Framework, 150 nm**

**Cat No: ABCCN-150**

### **Description**

CuCo bimetal framework has multi-enzyme activity (peroxide-like, oxide-like, superoxide dismutase) and cubic morphology, rough surface, with synergistic effect, which can improve its chemical, electrochemical as well as magnetic properties, and improve catalytic activity and selectivity. In addition, CuCo bimetal framework has versatility and customizability, which is suitable for catalysis and gas storage. Enhanced electrochemical performance makes it an ideal material for batteries and supercapacitors; Large specific surface area, adjustable pore structure, for adsorption and separation of some molecules; The simulated activities of various nano-enzymes are suitable for optical and electrochemical detection of tumor markers such as protein and RNA. CuCo bimetallic organic frameworks can be widely used in magnetic applications, gas adsorption and separation, energy storage and conversion, photocatalysis, environmental governance, sensing fields and biomedical applications.

Abvigen can provide high quality CuCo bimetallic organic frame nanoparticles. The product has high repeatability between batches, which can meet the needs of different personalized materials such as research and development, testing and production of various customers.

For custom sizes, formulations or bulk quantities please contact our customer service department.

**Website:** [www.abvigen.com](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

### **Characteristics**

Type: CuCo Bimetal Organic Framework Nanoparticles

Component: CuCo/CNC

Character: Black powder

Particle size: 150 nm

Zeta potential: -1.02 mV

Co content: About 6.49%

Cu content: About 1.59%



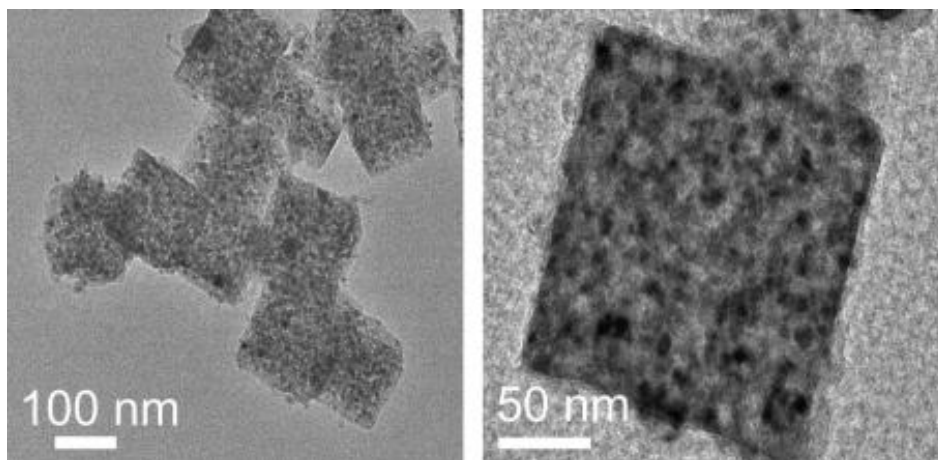
Size: 50 mg

Storage condition: Sealed storage

Shelf life: 6 months

Package: Glass bottle

#### **TEM of CuCo Bimetal Organic Framework Nanoparticles**



#### **Advantages**

Safe, environmentally friendly and pollution-free

Good monodispersity

Good stability

#### **Applications**

Magnetic applications

Gas adsorption and separation

Energy storage and conversion

Photocatalysis

Environmental governance

Sensing field

Biomedical applications

#### **Storage**

Sealed stored for 6 months.



## Ordering Information

Website: [www.abvigen.com](http://www.abvigen.com)

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