

## MOF-74

**Cat:** NM000930

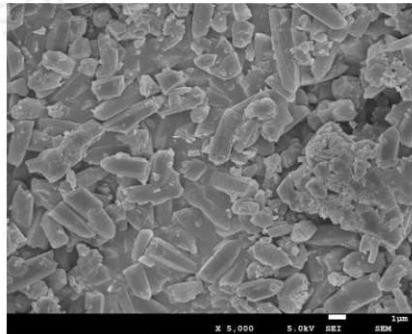
**Specification:** 1g

**Storage:** This product takes up water quickly, please be sure to dry it at room temperature and keep sealed, avoid light. Vacuum drying at 100 °C could optimize product performance. Expiry date: One year if stored in an airtight container.

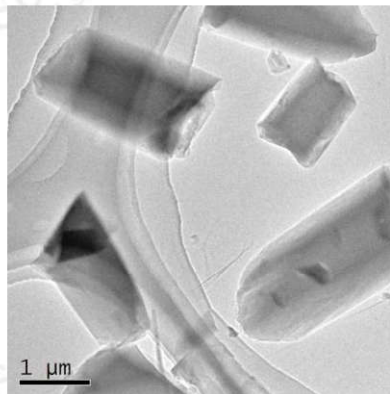
### Product Introduction:

Product name	MOF-74
Composition	Mg <sup>2+</sup> , 2,5-dihydroxyterephthalate
Grain size	<5μm
Pore diameter	1.2nm

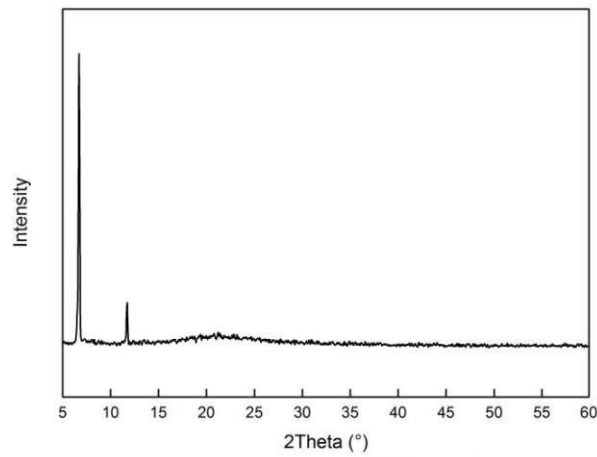
### Representation Test Diagram:



SEM image of MOF-74



TEM image of MOF-74



XRD spectrum of MOF-74

**Application:**

Gas Storage, Adsorption Separation, Ion Exchange, Membrane Separation, Catalysis, Magnetic Materials, Optical Materials, Sensors, Drug Delivery, Biomedical Imaging, Molecular Recognition, Electrochemistry (Supercapacitors, Batteries, Fuel Cells) etc.

**Note:**

1. This product is for scientific research use only. Do not use for medical, clinical diagnostic or therapeutic, food or cosmetic purposes. Do not store in ordinary residential areas.
2. For your safety and health, please wear a laboratory coat and wear disposable gloves and masks to operate.