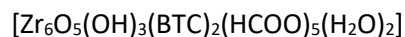


# MOF-808

## Contents

- ❖ Structural formula
- ❖ Preparation Method
- ❖ Characterization
- ❖ Application Fields

### Structural formula

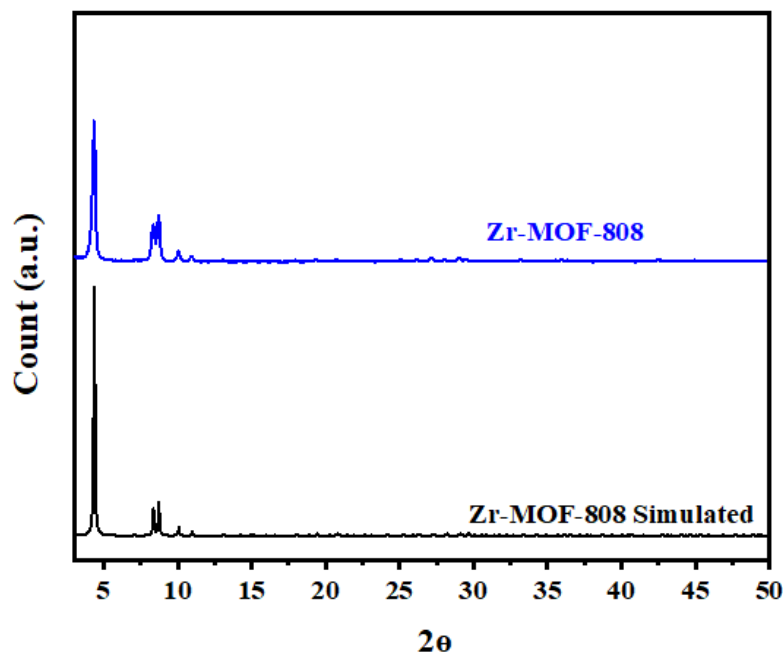


### Preparation Method

Solvothermal

### Characterizations

Cat. No.	MOF808010500	MOF808011000	MOF808015000
Packing	glass vial	glass vial	glass vial
Size	0.5 G	1 G	5 G
Solvent	DMF/Acetic acid/ acetone/chloroform	DMF/Acetic acid/ acetone/chloroform	DMF/Acetic acid/ acetone/chloroform
Color	white	white	white
Property	Very high surface area, large pore volume, excellent chemical stability	Very high surface area, large pore volume, excellent chemical stability	Very high surface area, large pore volume, excellent chemical stability



Powder x-ray diffraction of MOF-808.

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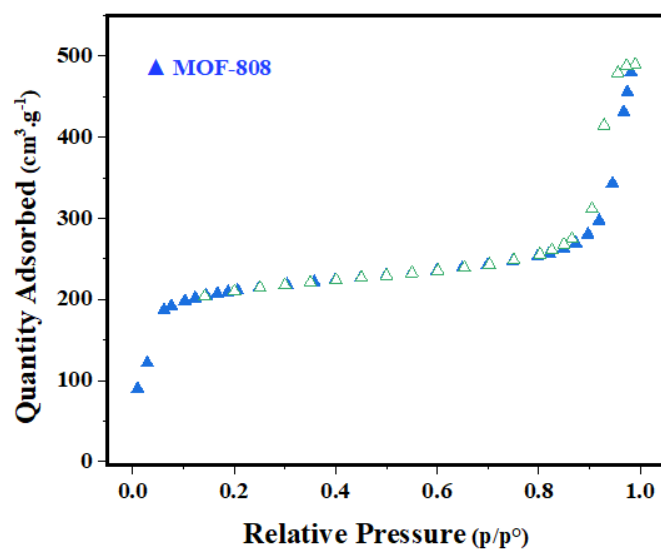
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Structure	Surface area (m <sup>2</sup> /g)	Total Pore volume (cm <sup>3</sup> /g)	Isotherm type
MOF-808	1632.5	1.495	type-I



Nitrogen adsorption-desorption isotherms of MOF-808.

### Applications

- Catalysis
- Photocatalysis
- Sensing
- Adsorption
- Drug delivery

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