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## MOF-808(Zr)

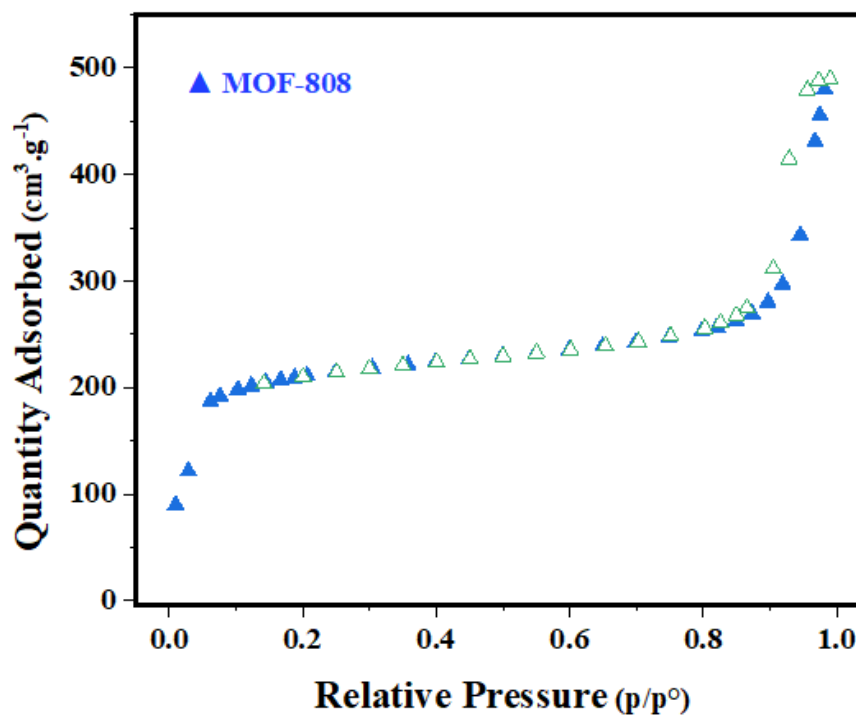
<b>CAS:</b>	1579984-19-2	<b>Surface Area:</b>	BET Specific surface >1600 m <sup>2</sup> /g
<b>Formula:</b>	C <sub>24</sub> HO <sub>32</sub> Zr <sub>6</sub>	<b>Molecular Weight:</b>	1348.589 g/mol
<b>Coordination Metal:</b>	Zr Clusters	<b>Thermal stability:</b>	550 °C
<b>Linkers:</b>	benzene-1,3,5-tricarboxylic acid (CAS: 554-95-0)	<b>Particle size:</b>	90 nm

<b>Aperture:</b>	11.6 nm - 11.05 nm	<b>Solubility:</b>	DMF/Acetic acid/ acetone/chloroform
<b>Pore volume:</b>	1.49 cm <sup>3</sup> /g	<b>Odor:</b>	Odorless
<b>Appearance:</b>	White powder	<b>Application:</b>	Gas adsorption, Catalysis, Photocatalysis, Electrocatalysis, Drug delivery, and others

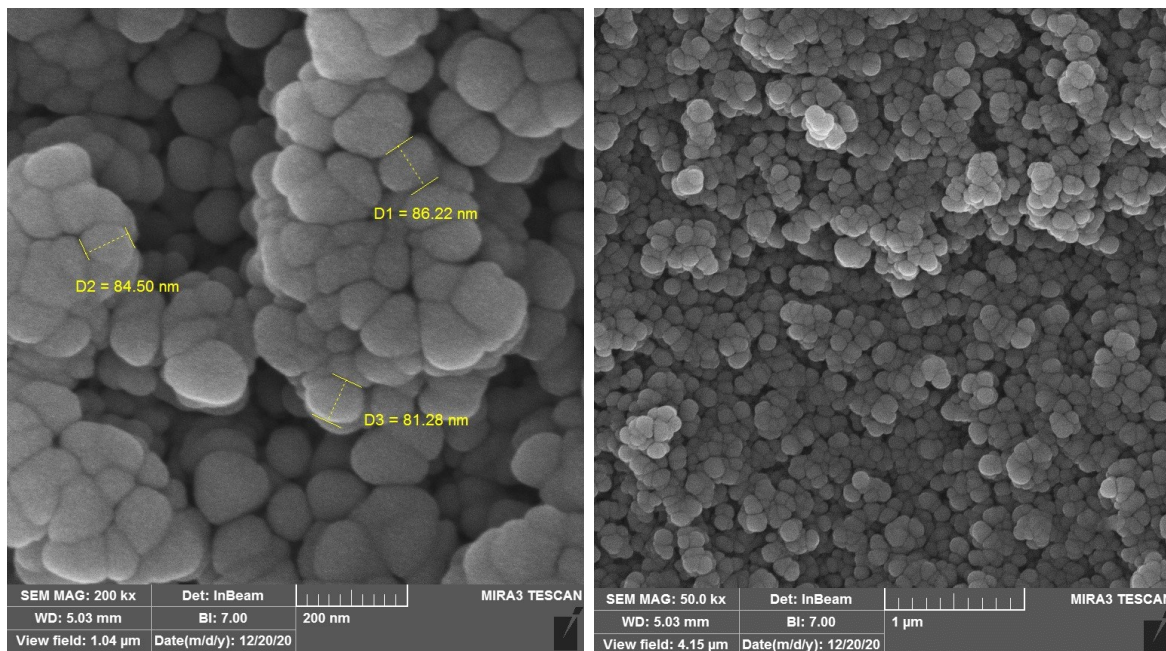
### Structural analysis:

- ✓ N<sub>2</sub> adsorption/desorption and BET analyses

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



✓ SEM images



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