

NS6130-12-000884

ZIRCONIUM

Metal Organic Framework

Quick Facts

Product	:	Zirconium Metal Organic Framework
Stock No	:	NS6130-12-000884
CAS	:	7440-67-7
Molecular Formula	:	(Zr ₆ O ₄ (OH) ₄ (MTB) ₂ (HCOO) ₄ (H ₂ O) ₄)
Form	:	Powder

Purity
99%

Metal-organic frameworks (MOFs) are porous materials formed via strong metal-ligand bonds between metal cations and organic linkers. MOFs have many applications in gas storage, separation and heterogeneous catalysis. Porous metal organic frameworks (MOFs) are of significant interest both in academics and industry due to their coordination structure, diverse topologies and potential applications in gas storage, separation, catalysis and drug delivery.

Applications:

- Gas and liquid adsorption
- Gas storage
- Conductivity
- Catalysis
- Food
- Sensing and detection
- Gas Treatment
- Textile upgrading



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
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