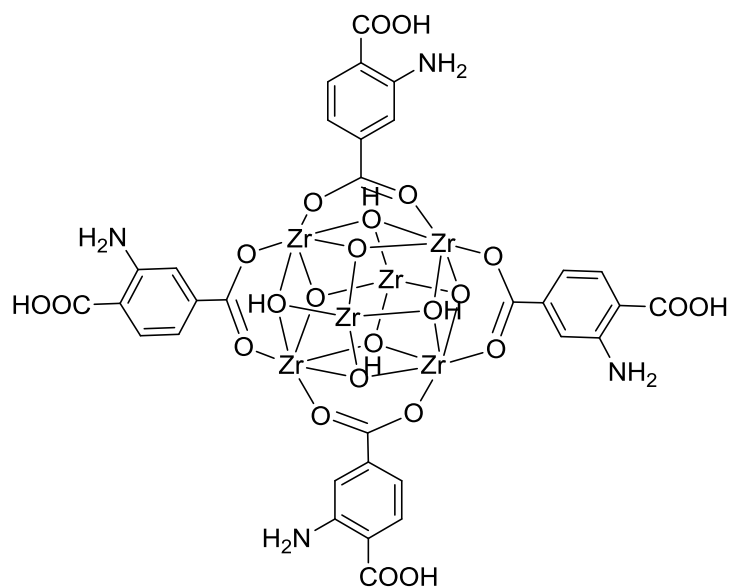


Catalog # 40-1109 Zirconium aminobenzenedicarboxylate MOF (UiO-66-BDC-NH₂, BDC-NH₂:Zr=0.9-1.0)



Technical Notes:

1. Useful MOF for adsorption of CO₂ applications¹
2. Catalyst MOF used in the conversion of toxic agents to non-toxic products²

References:

1. *Carbon Dioxide Adsorption in Amine-Functionalized Mixed-Ligand Metal-Organic Frameworks of UiO-66 Topology.*, Chem.Sus.Chem. **2014**, 7, 3382-3388.
2. *Tailoring the Pore Size and Functionality of UiO-Type Metal–Organic Frameworks for Optimal Nerve Agent Destruction*, Inorg. Chem. **2015**, 54, 9684–9686.
3. *Towards Metal-Organic Framework based Field Effect Chemical Sensors: UiO-66-NH₂ for Nerve Agent Detection*, Chem. Sci., **2016**, 7, 5827.