Mechanically Synthesized Zirconium-based MOFs for Adsorptive Removal of Nerve Agent Simulants

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Editor's note: Metal-organic frameworks (MOFs) have shown great potential for the adsorptive removal of various hazardous compounds due to their high specific surface areas and tunable molecular structures. Ghasempour et al. reported an easy, eco-friendly solvent-assisted mechanochemical grinding method for synthesizing Zr-based MOFs, which exhibit a high removal capacity against organophosphorus nerve agents.

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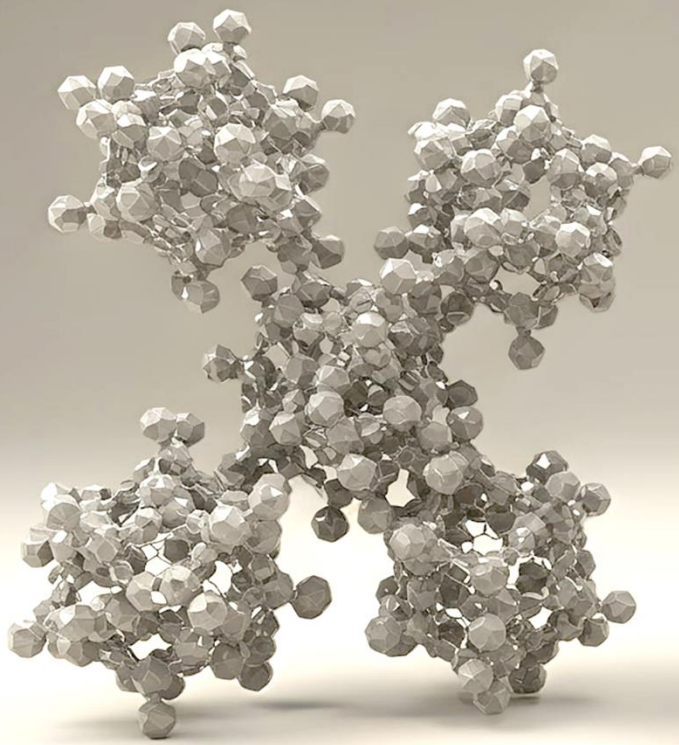

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