

Facile Synthesis of Porous Organic Microporous Polymers via Friedel-Craft reaction for CO<sub>2</sub>  
Capture

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MOF shows the highest carbon dioxide capacity, but the processes are too complicated. Here, we designed an experiment to synthesize sorbent easily using Friedel-Craft reaction showing relatively high capacity. We have successfully synthesized conjugated porous polymers using Friedel-Craft reactions with the highest surface area. CO<sub>2</sub> adsorption has been characterized