

## **Electronic supplementary information (ESI)**

### **A MOF-Based Carrier for *in Situ* Dopamine Delivery**

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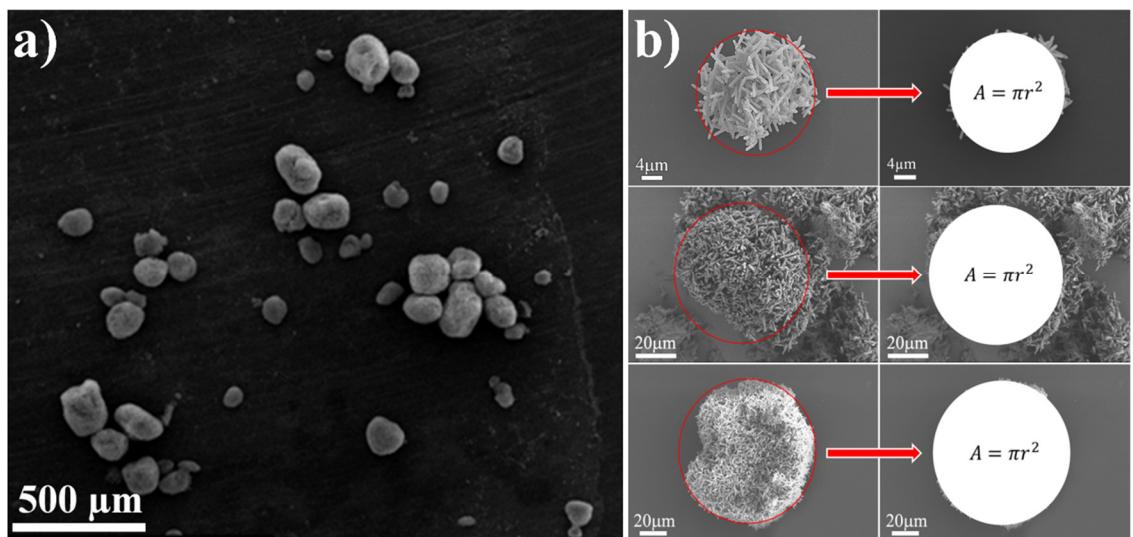
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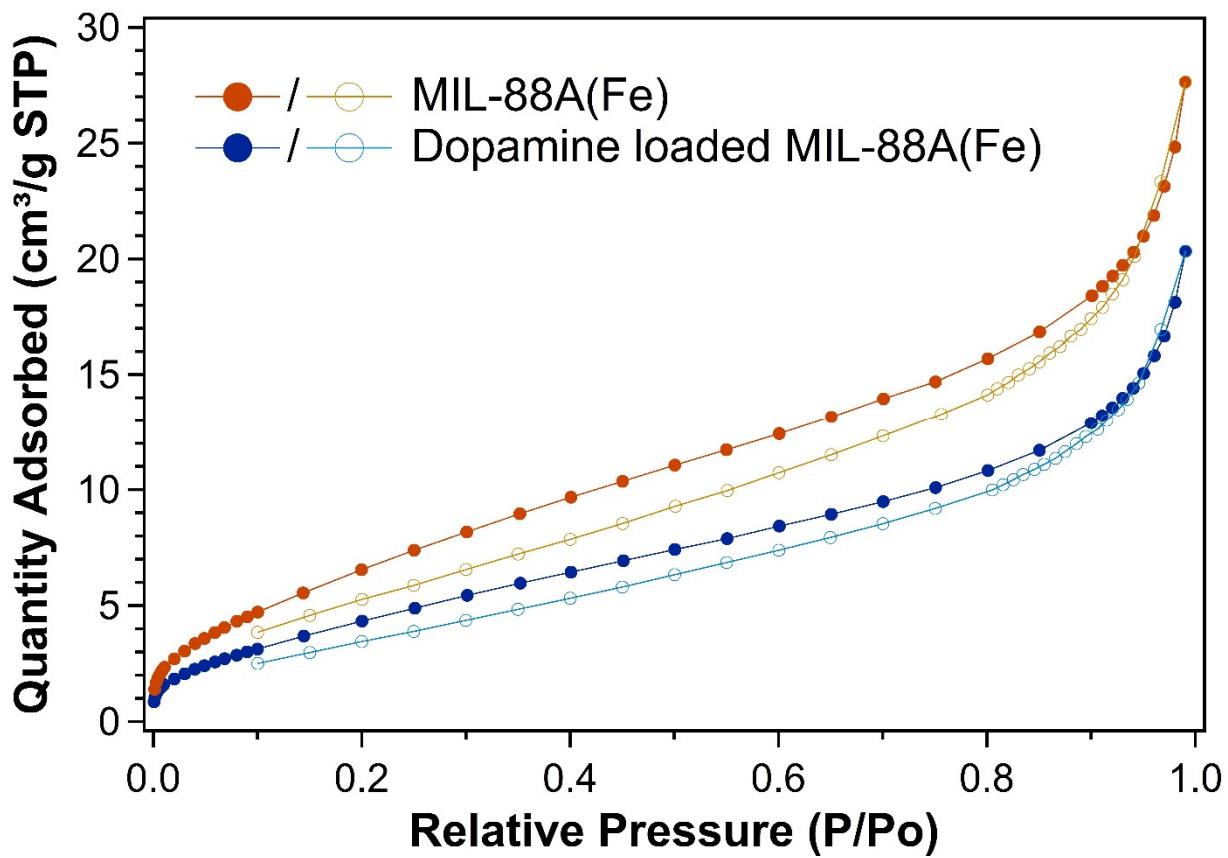
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1. **Figure S1.** Diameter calculation of the PMP@MIL-88A systems.
2. **Figure S2.** N<sub>2</sub> isotherms and pore size distributions of MIL-88A(Fe) with and without dopamine loading.



**Fig. S1.** Method used to calculate PMP@MIL-88A size: a) SEM image of PMP@MIL-88A aggregates; b) each particle was considered as sphere and then the equivalent diameter was calculated averaging several measurements.



**Figure S2.** N<sub>2</sub> sorption/desorption isotherms of unloaded (orange) and dopamine-loaded (blue) MIL-88A(Fe).