

ELECTRONIC SUPPORTING INFORMATION

Improved catalytic performance of porous metal-organic frameworks for ring-opening of epoxides

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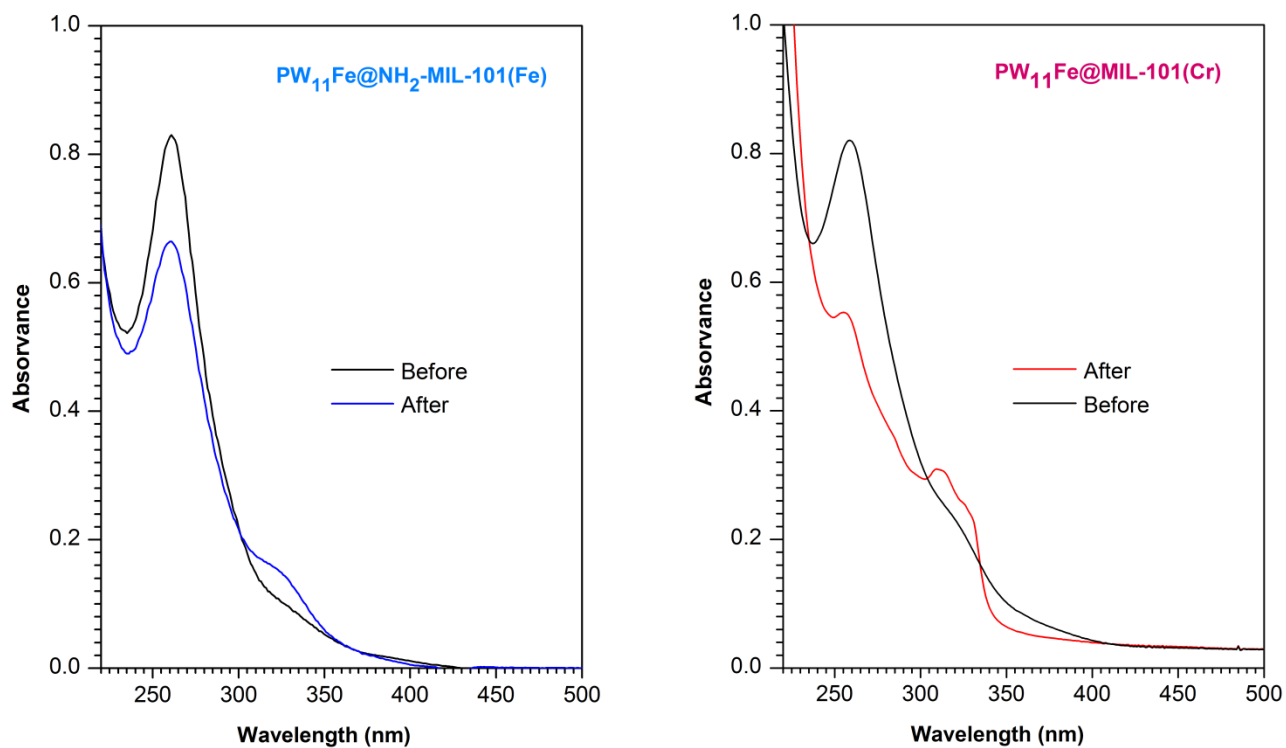


Figure S1. UV-Vis spectra of PW₁₁Fe MeCN solution before encapsulation and after encapsulation in to NH₂-MIL-101(Fe) (on left) and MIL-101(Cr) (on right) supports.

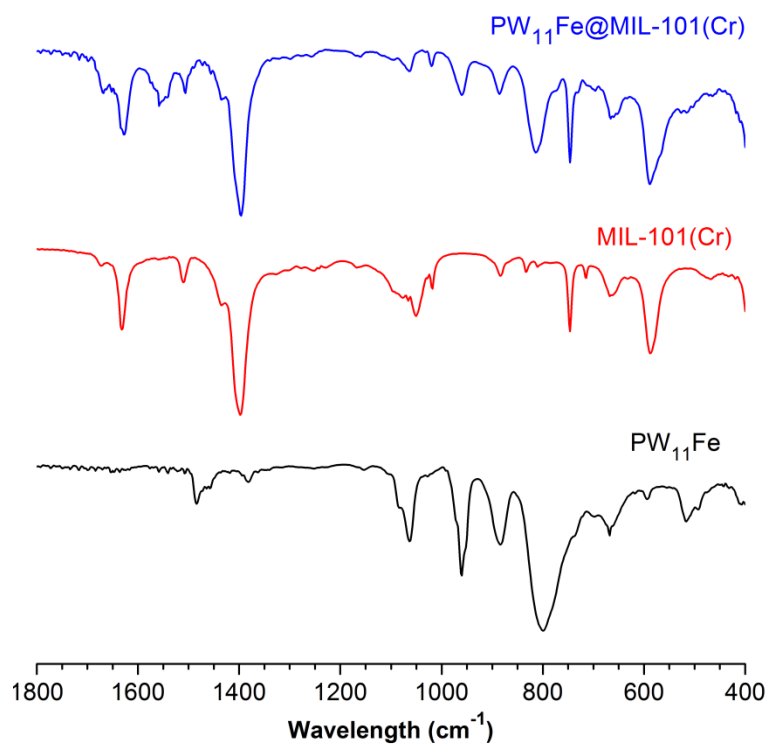


Figure S2 FT-IR spectra of the PW₁₁Fe, the solid support MIL-101(Cr) and the composite material PW₁₁Fe@MIL-101(Cr).

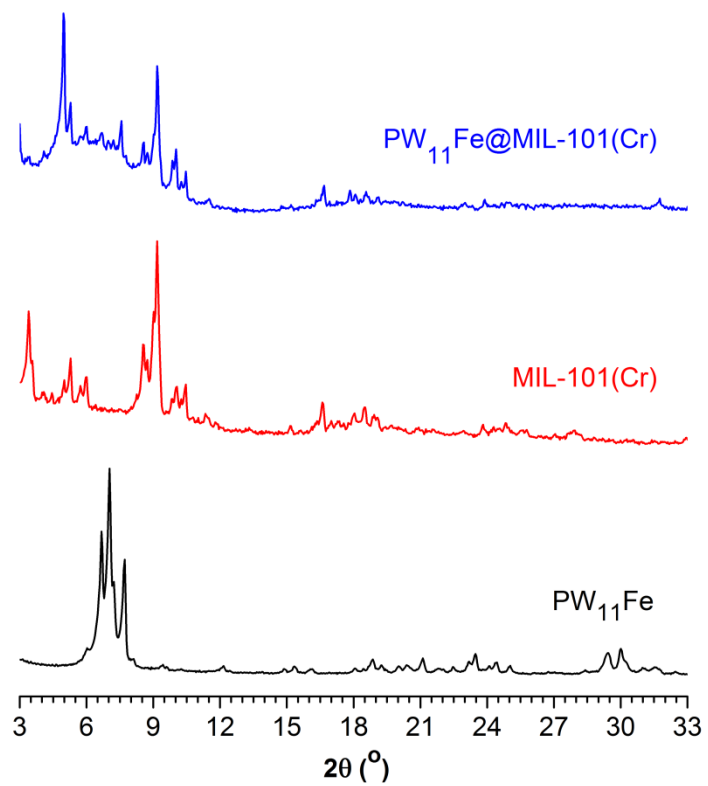


Figure S3 Powder XRD patterns of the $PW_{11}Fe$, the solid support $MIL-101(Cr)$ and the composite material $PW_{11}Fe@MIL-101(Cr)$.

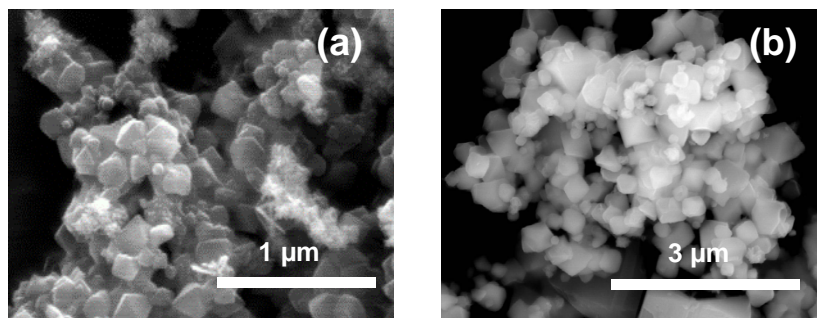


Figure S4. SEM images of support material MIL-101(Cr) (a) and composite material PW₁₁Fe@MIL-101(Cr) (b).

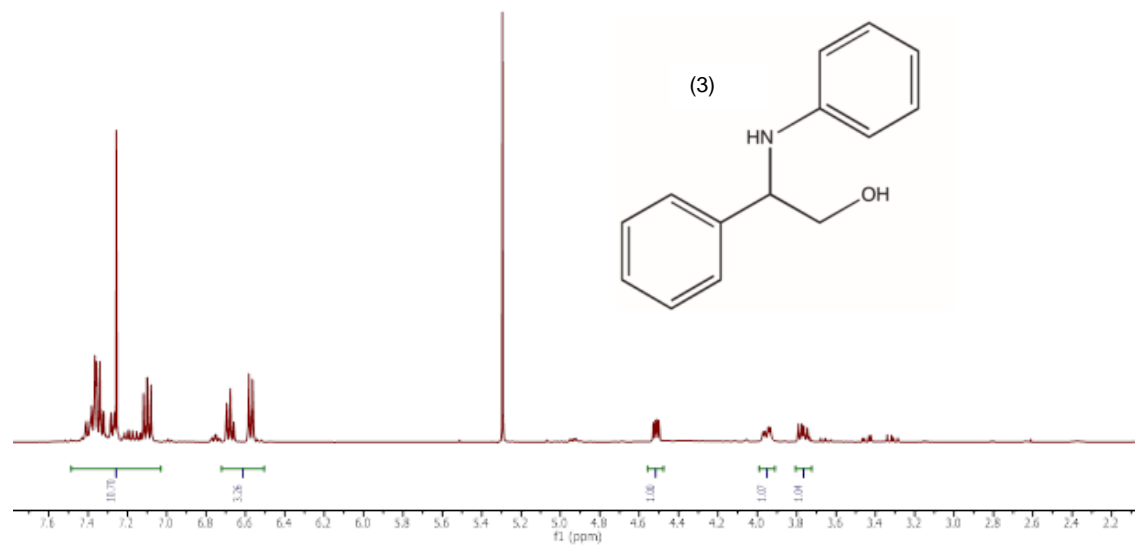


Figure S5. ¹H NMR spectrum of isolated 2-phenylamino-2-phenyl-ethanol (isomer 3 in scheme 1).