

Supporting Information

An Efficient Photocatalyst based on $\text{H}_5\text{PMo}_{10}\text{V}_2\text{O}_{40}/\text{UiO}-66\text{-NH}_2$ for Direct Hydroxylation of Benzene to Phenol by H_2O_2

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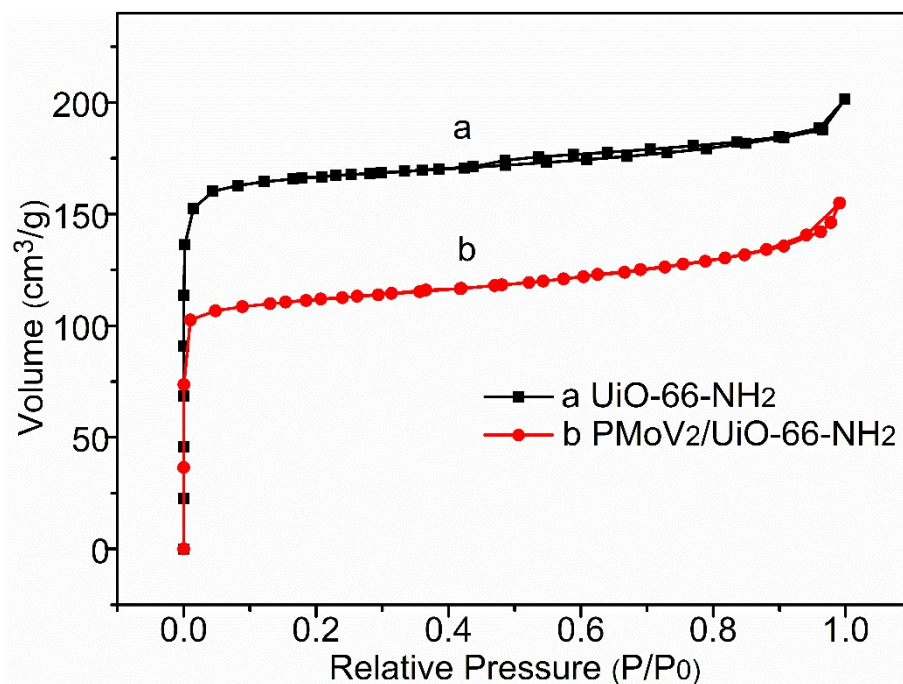


Fig S11. N_2 adsorption-desorption isotherms of $\text{UiO}-66\text{-NH}_2$, $\text{H}_5\text{PMo}_{10}\text{V}_2\text{O}_{40}$ and $\text{H}_5\text{PMo}_{10}\text{V}_2\text{O}_{40}/\text{UiO}-66\text{-NH}_2$.

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Table S11. The specific surface area, pore volume and pore diameter of UiO-66-NH₂, H₅PMo₁₀V₂O₄₀ and H₅PMo₁₀V₂O₄₀/UiO-66-NH₂.

sample	S _{BET} (m ² /g)	Pore volume (cm ³ /g)	Average pore size (nm)
UiO-66-NH ₂	661	0.405	2.384
H ₅ PMo ₁₀ V ₂ O ₄₀	9	0.016	2.108
H ₅ PMo ₁₀ V ₂ O ₄₀ /UiO-66-NH ₂	512	0.285	2.019