Supplemental Online Material

Heterogenization of a Macrocyclic Cobalt Complex for Photocatalytic CO₂ Reduction

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Supplementary Table

Table S1. Summary of surface areas and pore volumes of SiO₂ and functionalized SiO₂.

Sample	Surface Area (m ² g ⁻¹)	Pore Volume (cm ³ g ⁻¹)
SiO ₂	534	0.540
5Co ^{III} (cyclam)X/SiO ₂	336	0.472
20Co ^{III} (cyclam)X/SiO ₂	236	0.329
40Co ^{III} (cyclam)X/SiO ₂	241	0.340

Supplementary Figures

Figure S1. UV-visible spectra of (a) $5\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$, (b) $20\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$, and (c) $40\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$.

Figure S2. Nitrogen adsorption/desorption isotherms of (a) $5\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$, (b) $20\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$, and (c) $40\text{Co}^{\text{III}}(\text{cyclam})\text{X}/\text{SiO}_2$.