

Supporting Information

Combining vitamin B₁₂ to cisplatin-loaded porous silica nanoparticles *via* coordination: A facile approach to prepare targeted drug delivery system

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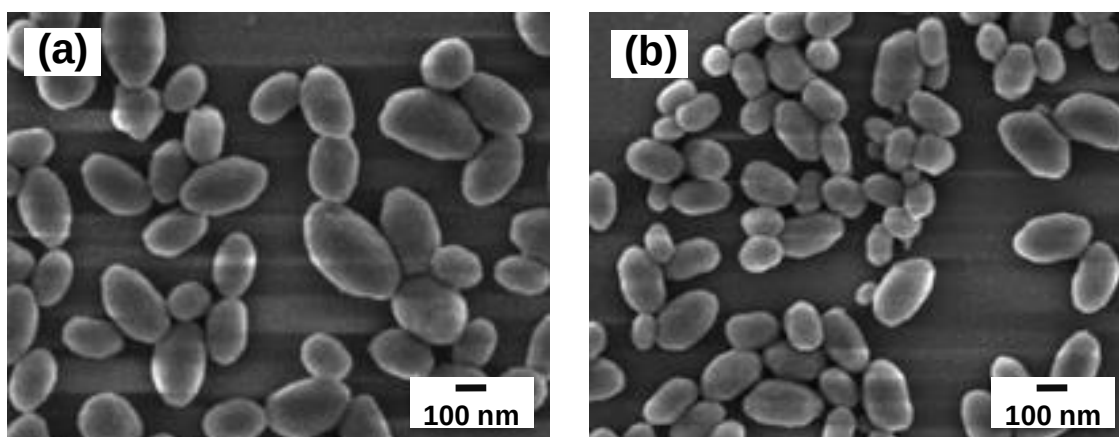


Figure S1. The SEM images of (a) PSNs-C-250 and (b) PSNs-C-300

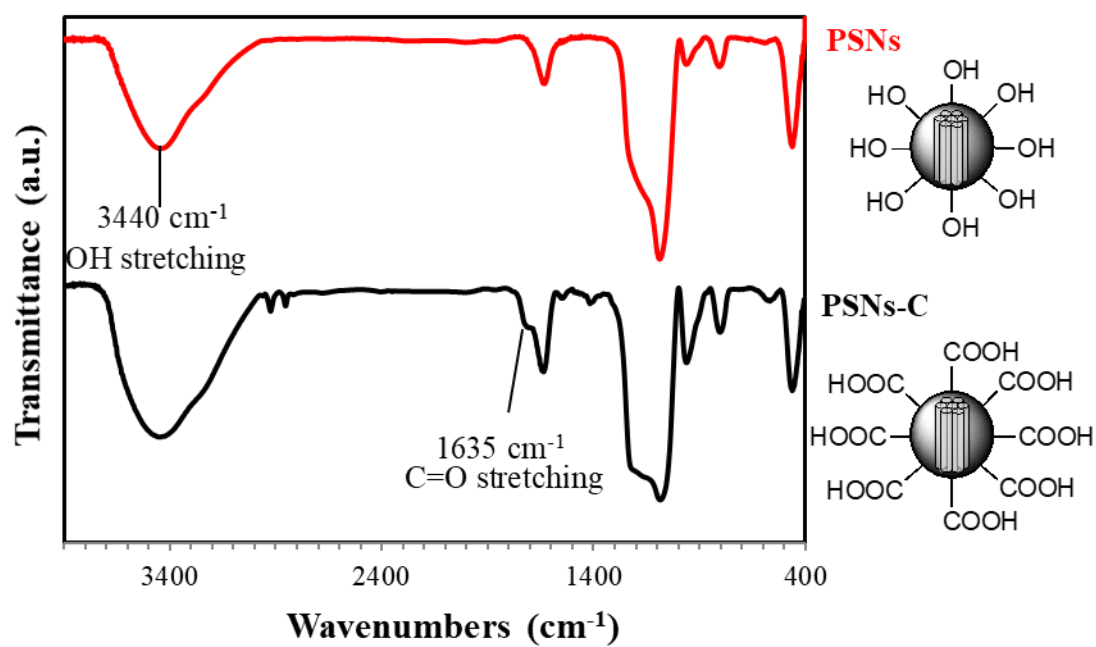


Figure S2. FT-IR spectra of PSNs and PSNs-C

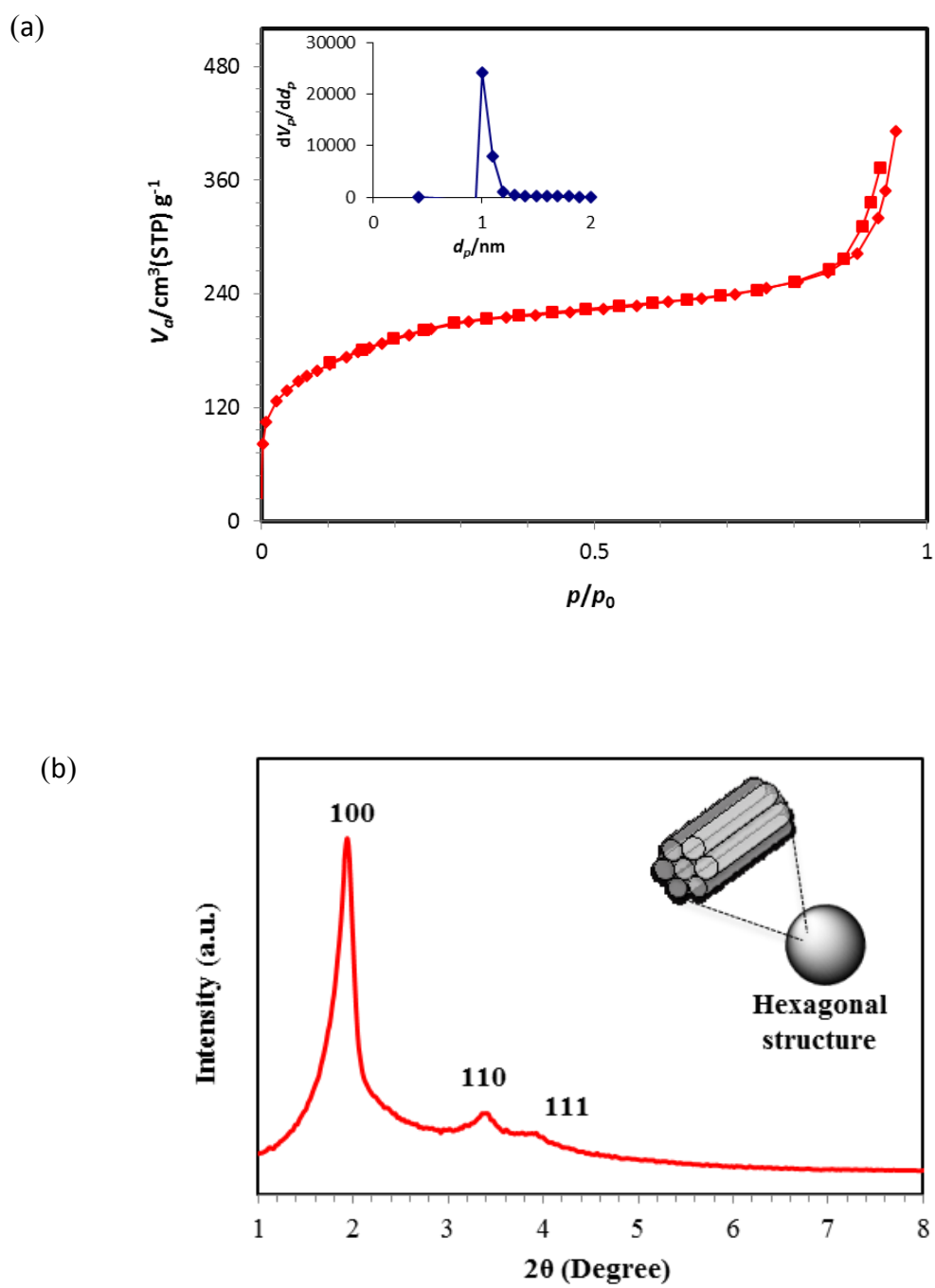


Figure S3. (a) The nitrogen sorption isotherm, Inset: MP-plot, and (b) XRD pattern of PSNs-C

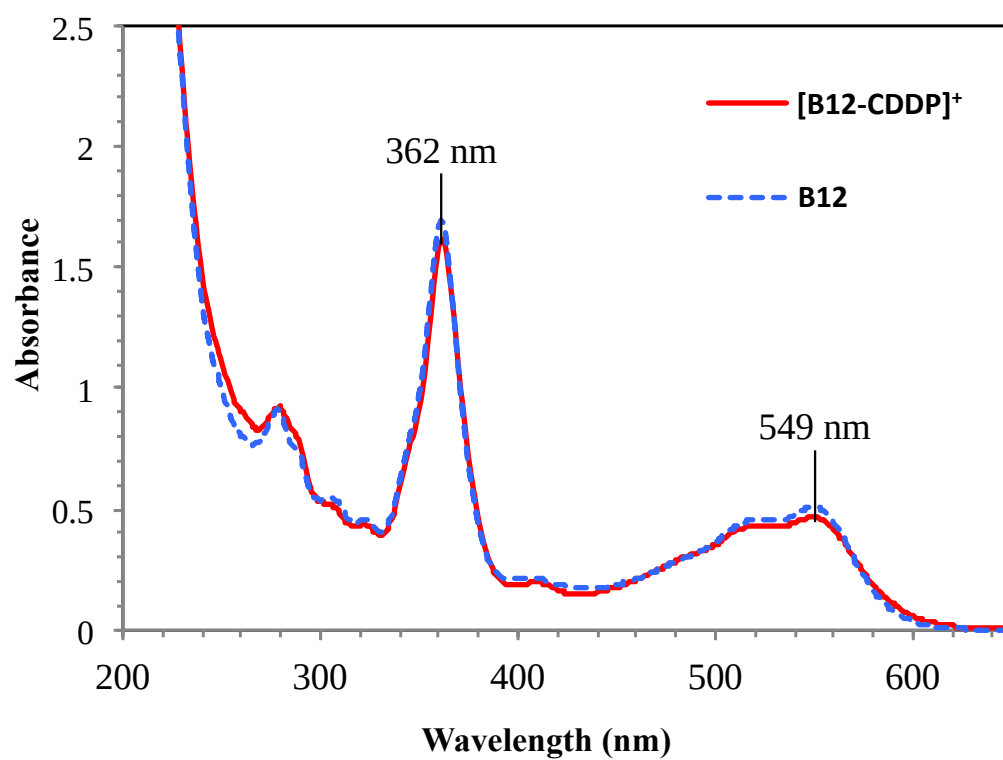


Figure S4. UV-visible spectra of B12 and $[B12-CDDP]^+$

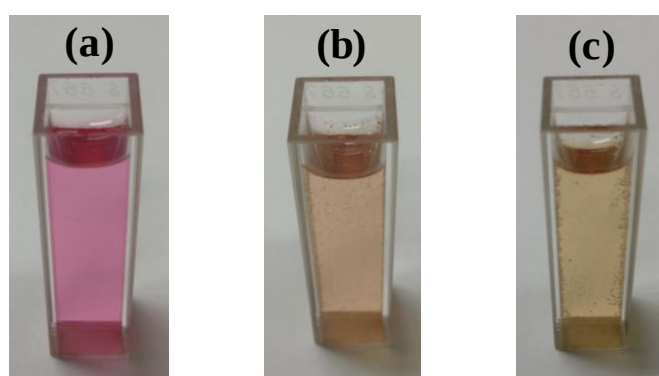


Figure S5. Photographs for the solution of (a) B12, (b) reduced B12 (B12 + $NaBH_4$), and (c) CDDP@PSNs-C-B12 + $NaBH_4$

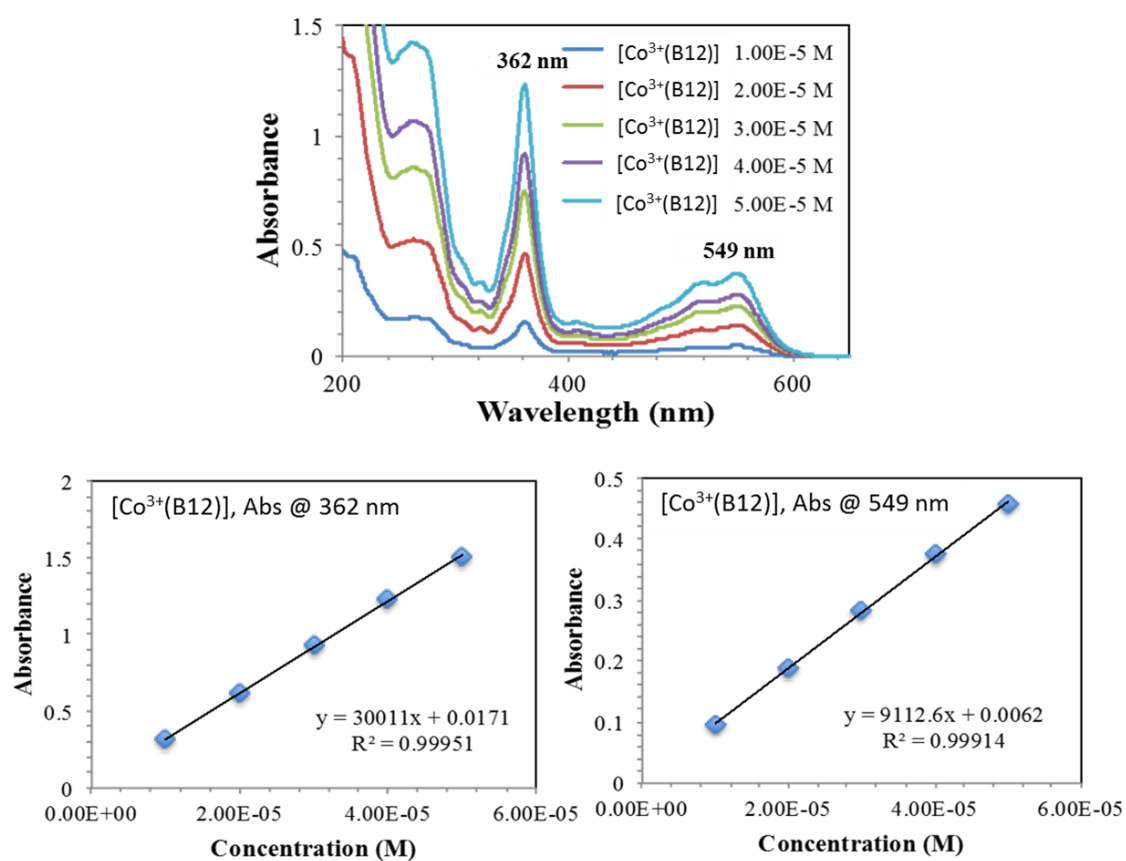


Figure S6. UV-vis spectra and calibration curve for $[(\text{Co}^{3+})[\text{B12-CDDP}]]^+$