

Supplementary Information

Selective Adsorption of Au^{III} from Aqueous Solution Using 2,5-Dimercapto-1,3,4-thiadiazole Modified Persimmon Tannin

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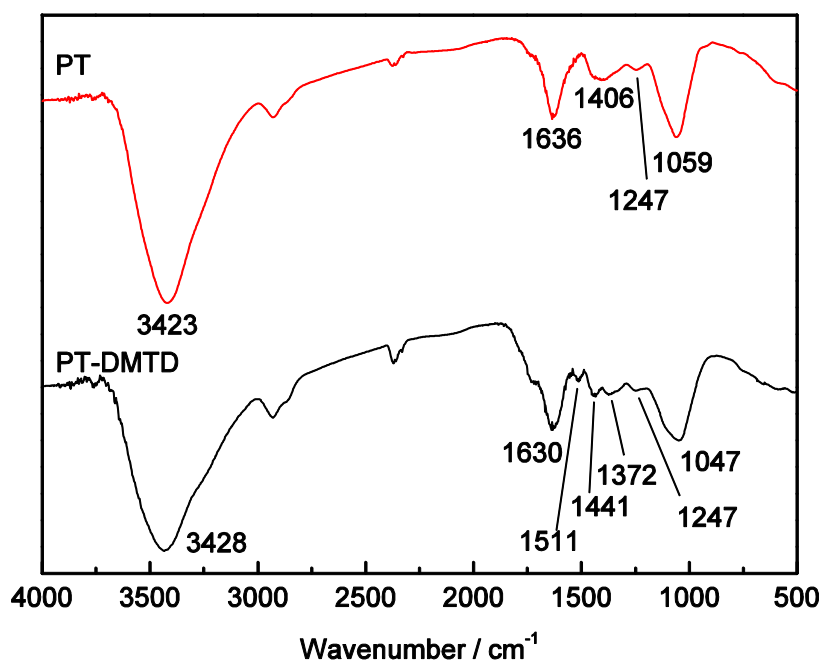


Figure S1. FTIR (KBr) spectra of PT and DMTD-PT.

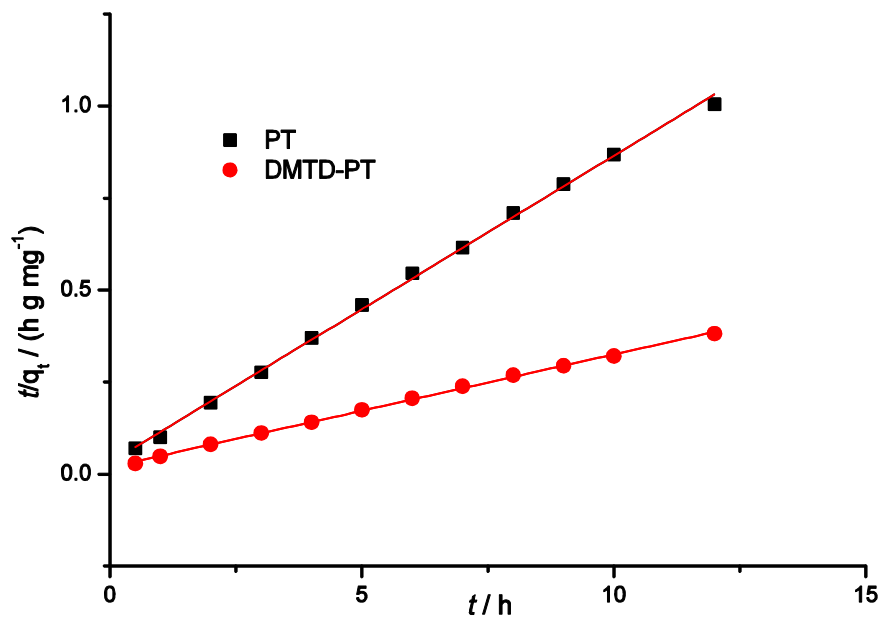


Figure S2. Plots of t/q_t versus t for adsorption of Au^{III} onto PT and DMTD-PT.

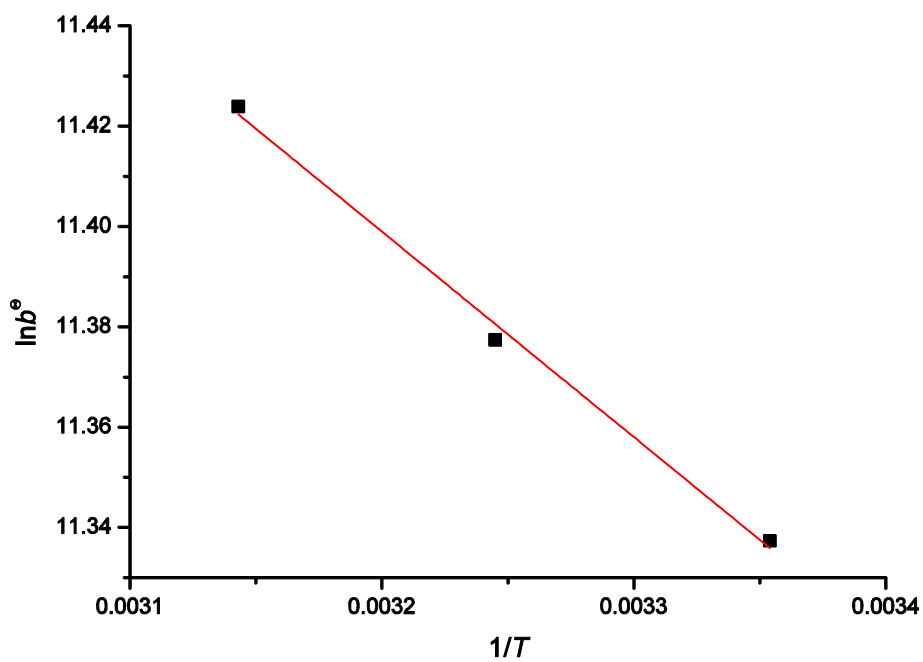


Figure S3. Van't Hoff relationship between $1/T$ and $\ln b^\theta$ for adsorption of Au^{III} onto DMTD-PT.

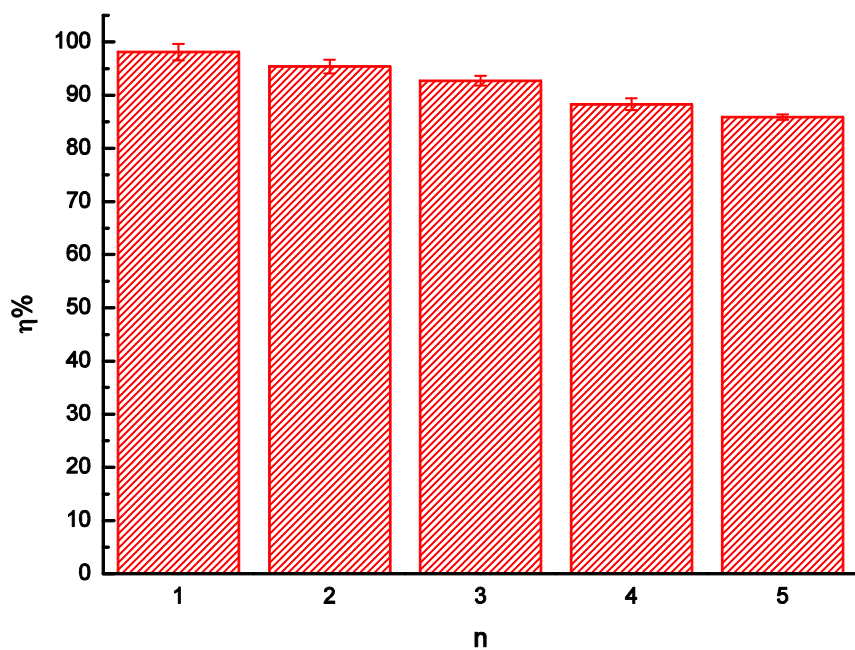


Figure S4. Plot of reusability of regenerated DMTD-PT.

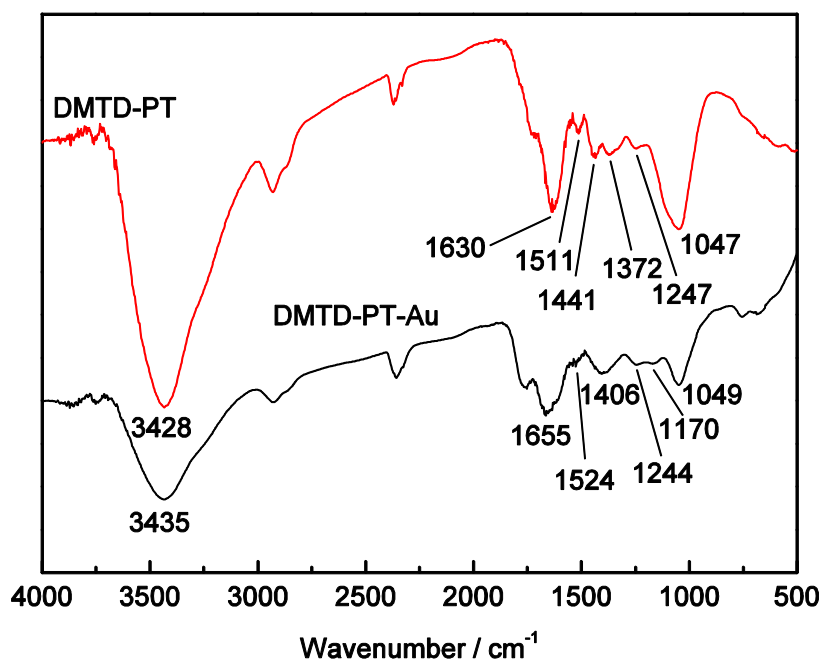


Figure S5. FTIR (KBr) spectra of fresh and Au^{III}-loaded DMTD-PT.