Electronic Supplementary Material (ESI) for Analytical Methods.

Supporting Information

Facile and Robust Fabrication of Hierarchical Au Nanorods/Ag Nanowires SERS Substrate for the Sensitive Detection of Dyes and Pesticides

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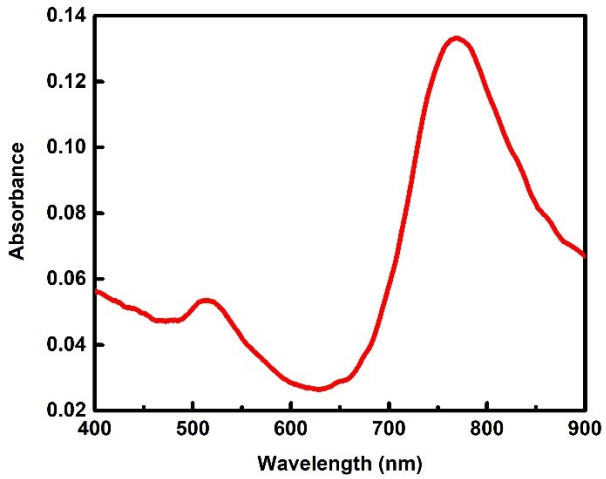

Fig. S1. The UV-Vis spectrum of Au nanorods.

10 μL ethanol solution of Ag nanowires (50 mg/ml), 10 μL aqueous solution of Au nanorods (20 mg/ml) were dripped onto the glass substrates, respectively. After several minutes, the solvent completely evaporated and the samples were applied to the Raman test. As shown in Fig. S2, the Raman spectra of Ag nanowires and Au nanorods displayed low intensity that could be ignored in the experiment.

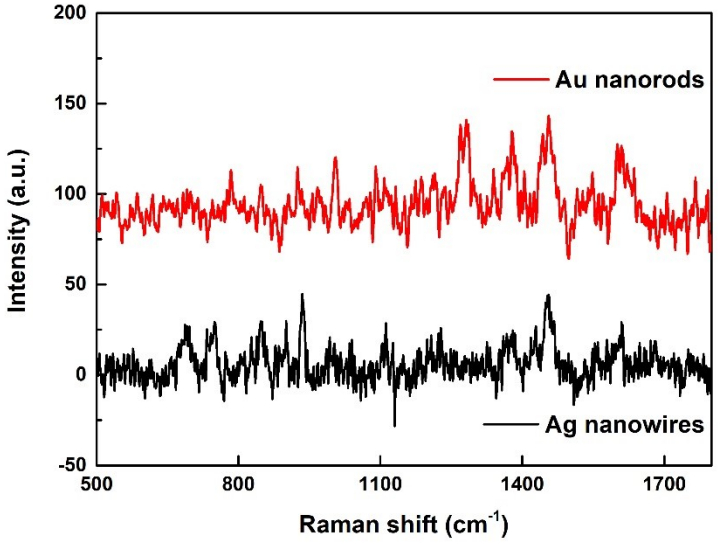

Fig. S2. The Raman spectra of Ag nanowires and Au nanorods.

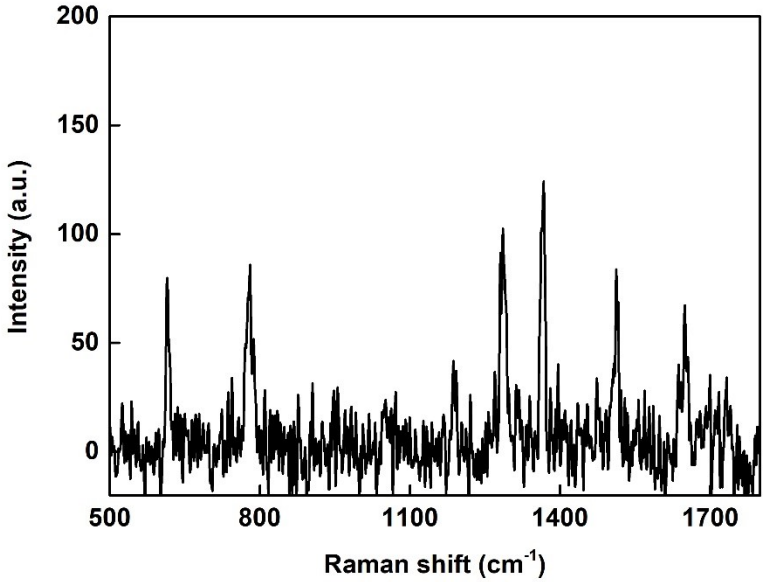

Fig. S3. The Raman spectra of 10-2 M R6G on the glass substrate.