

Supporting Information

Effect of Adsorbed Molecules on Surface-enhanced Raman Scattering of Metal/molecule/metal Junctions

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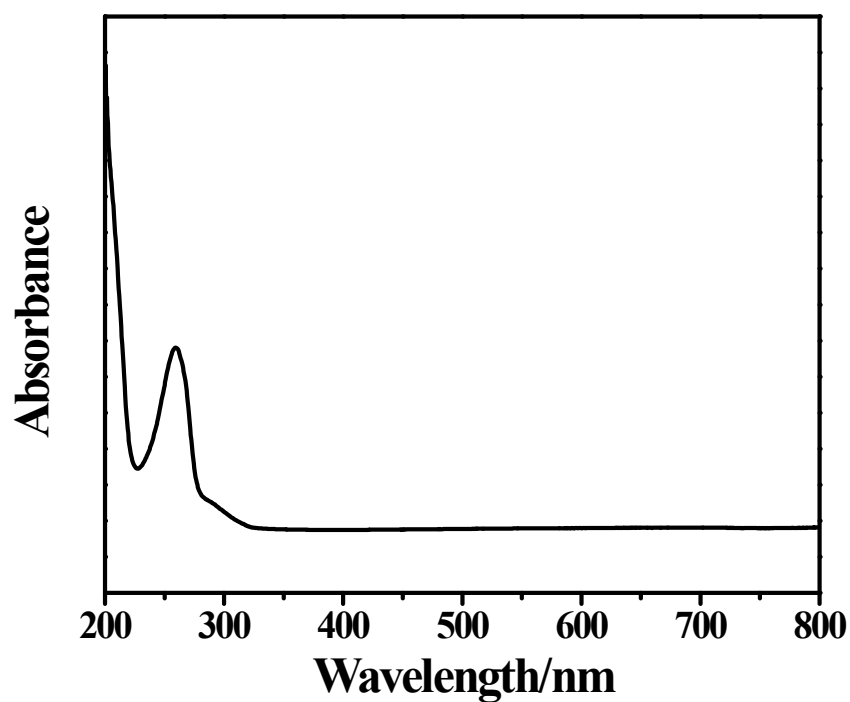


Fig. S1 The UV-Vis spectrum of bare BDT

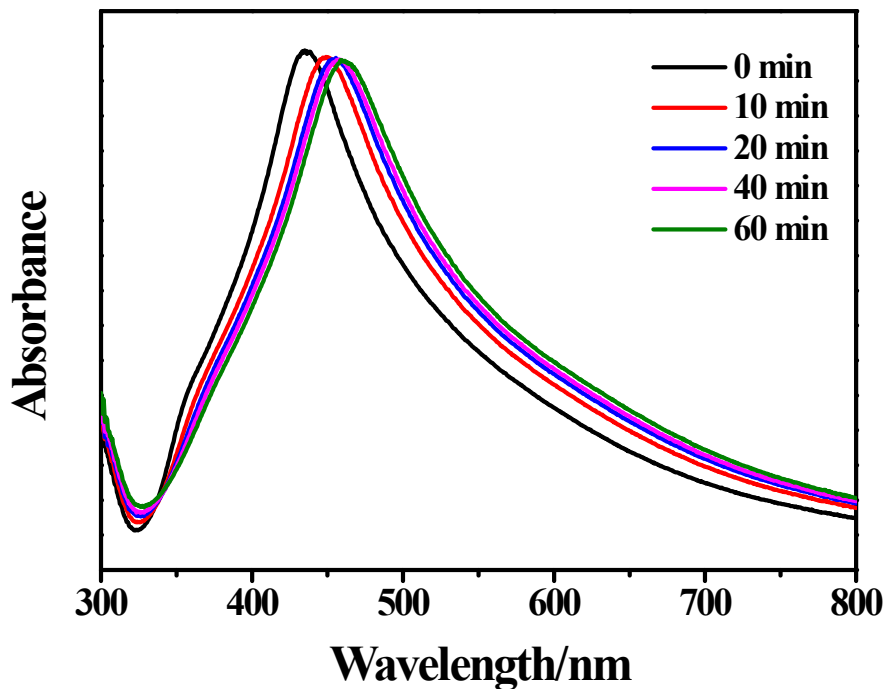


Fig. S2 The alteration of UV-Vis spectra of Ag/PATP/Ag with the extension of the adsorption time of 1,4-BDT

As shown in Fig. S2, the band shape is narrower than the one shown in Fig. 5 in the main text. This difference of band shape is probably due to the drying of the sample (Fig. 5 in the main text) during UV-Vis measurements. In the drying process, some AgNPs can be aggregated because of the diminishing of electrostatic interaction which would lead to the widening of the band of UV-Vis spectrum.

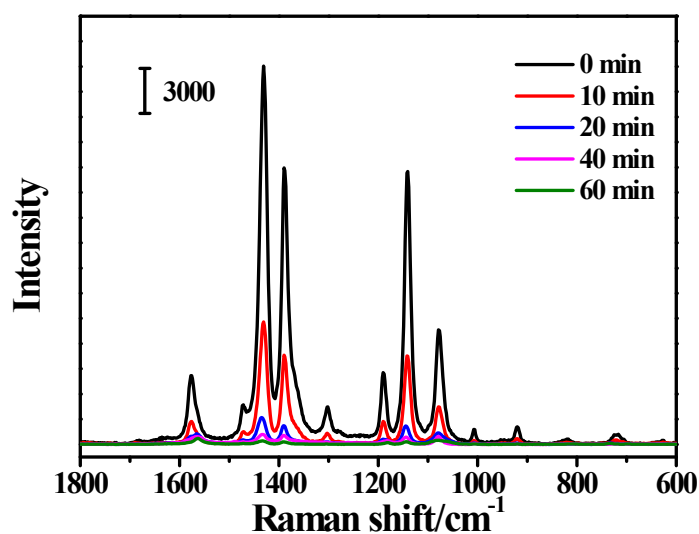


Fig. S3 The alteration of SERS spectra of Ag/PATP/Ag with the extension of the adsorption time of 1,4-BDT