Supporting information

Mono-6-Deoxy-6-Aminopropylamino-β-Cyclodextrin on Ag-Embedded SiO_2 Nanoparticle as a Selectively Capturing Ligand to Flavonoids

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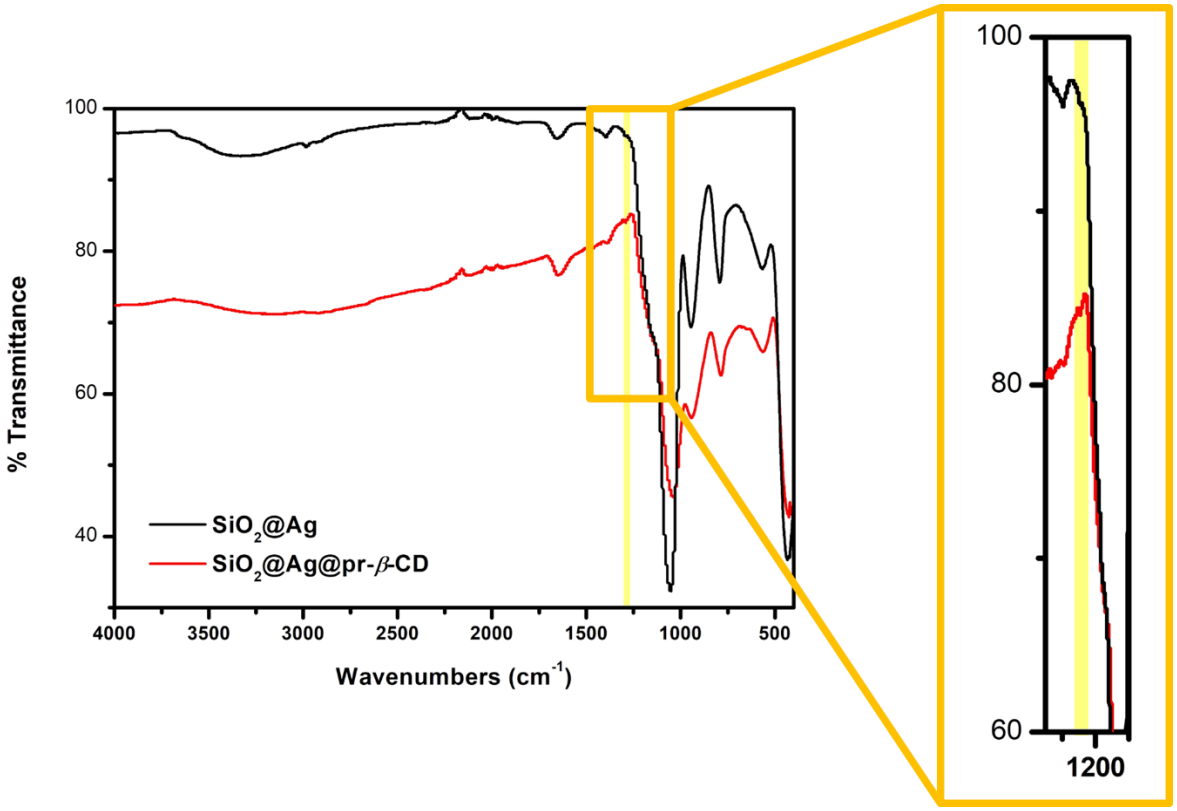

Figure S1. ATR-FTIR spectra of SiO_2@Ag, SiO_2@Ag@pr-β-CD. These materials were measured in a solid state.

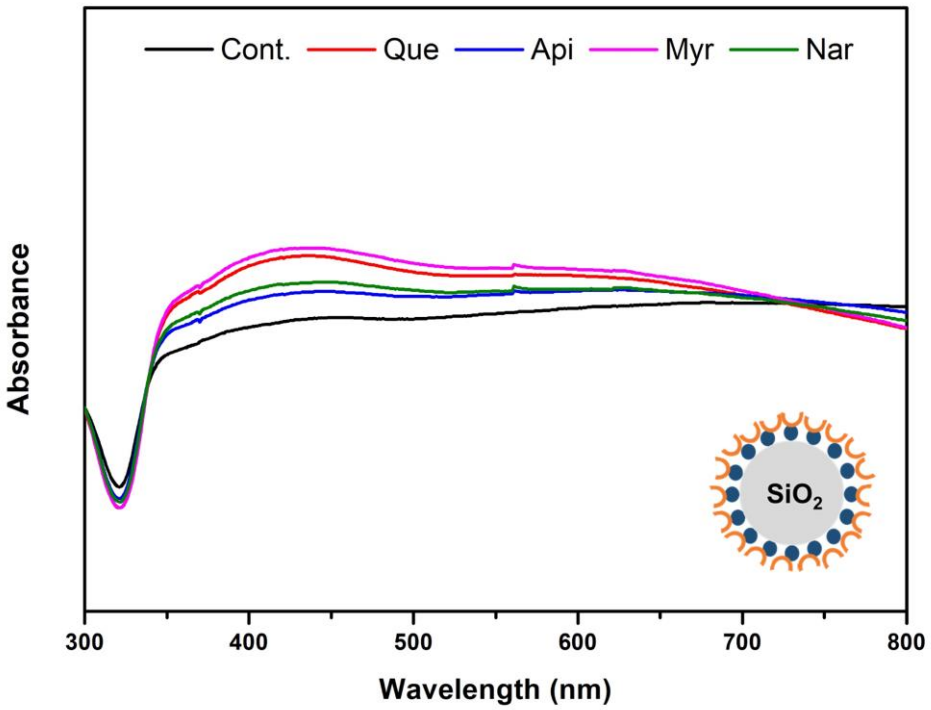

Figure S2. UV-visible absorption spectra of SiO_2@Ag@pr-β-CD-added flavonoids - quercetin (Que), myricetin (Myr), apigenin (Api) and naringenin (Nar).

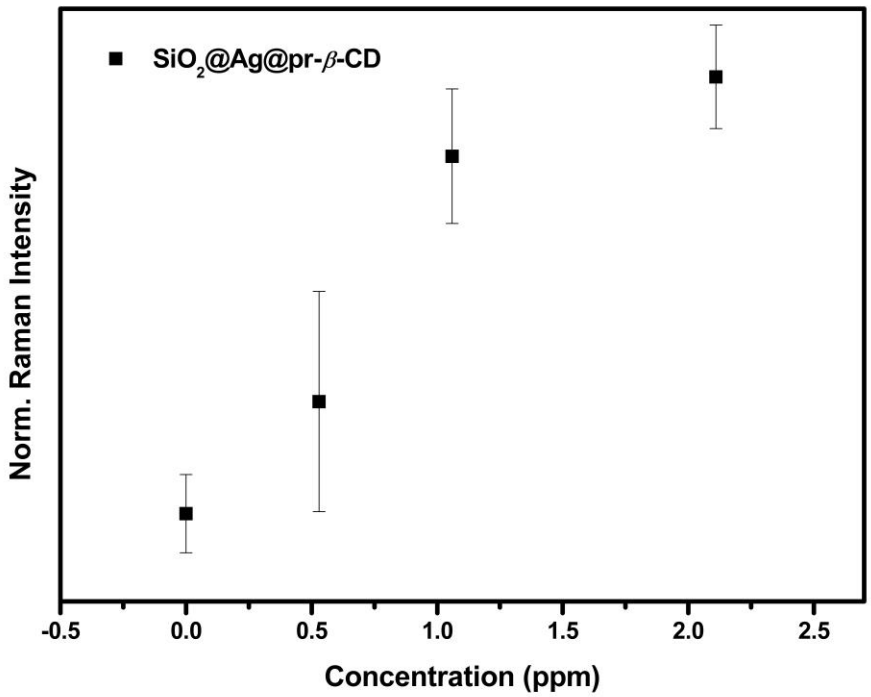

Figure S3. Normalized Raman intensity of SiO_2@Ag@pr-β-CD according to the concentration of quercetin (Que) at 636 cm^{-1}.