

## Surface enhanced Raman scattering based reaction monitoring of *in vitro* decyclization of creatinine → creatine

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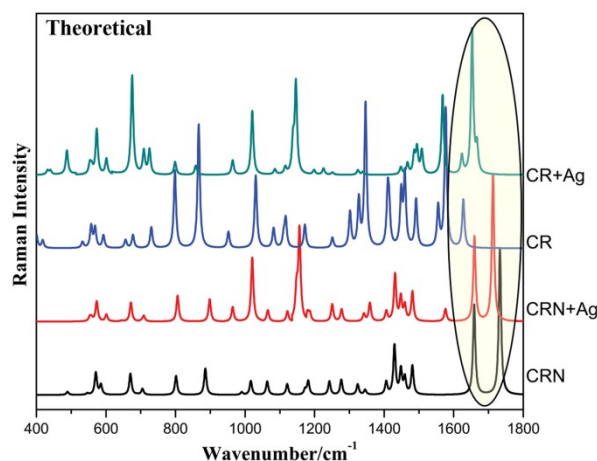
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### Supporting Information



**Fig. S1:** Comparison between the DFT calculated Raman spectra of CRN and CR in aqueous solution and adsorbed on Ag surface. The spectra of CRN and CR show several changes when adsorbed on Ag surface, which show similar trend as observed in the SERS spectra.