

Raman and XPS study on the interaction of taurine with silver nanoparticles

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Supplementary Information

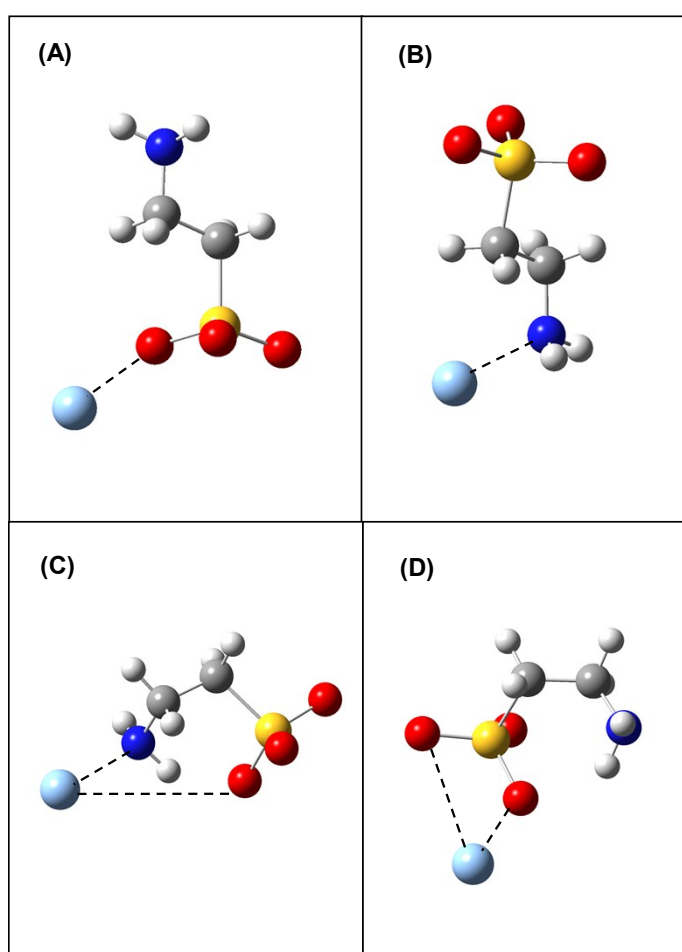


Figure S1. The optimized structures of neutral (A) *trans*-taurine-Ag (bound through SO_3^- group), (B) *trans*-taurine-Ag (bound through NH_2 group), (C) *gauche*-taurine-Ag (bound through both SO_3^- and NH_2 groups) and (D) *gauche*-taurine-Ag (bound through SO_3^- group).

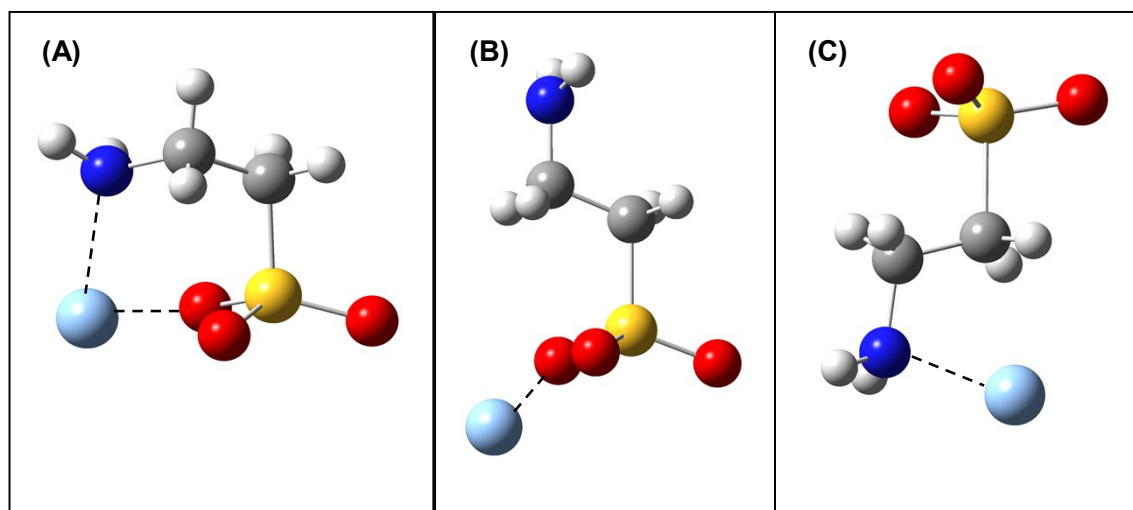


Figure S2. The optimized structures of charged (A) *gauche*-taurine-Ag (bound through both SO_3^- and NH_2 groups), (B) *trans*-taurine-Ag (bound through SO_3^- group) and (C) *trans*-taurine-Ag (bound through NH_2 group).