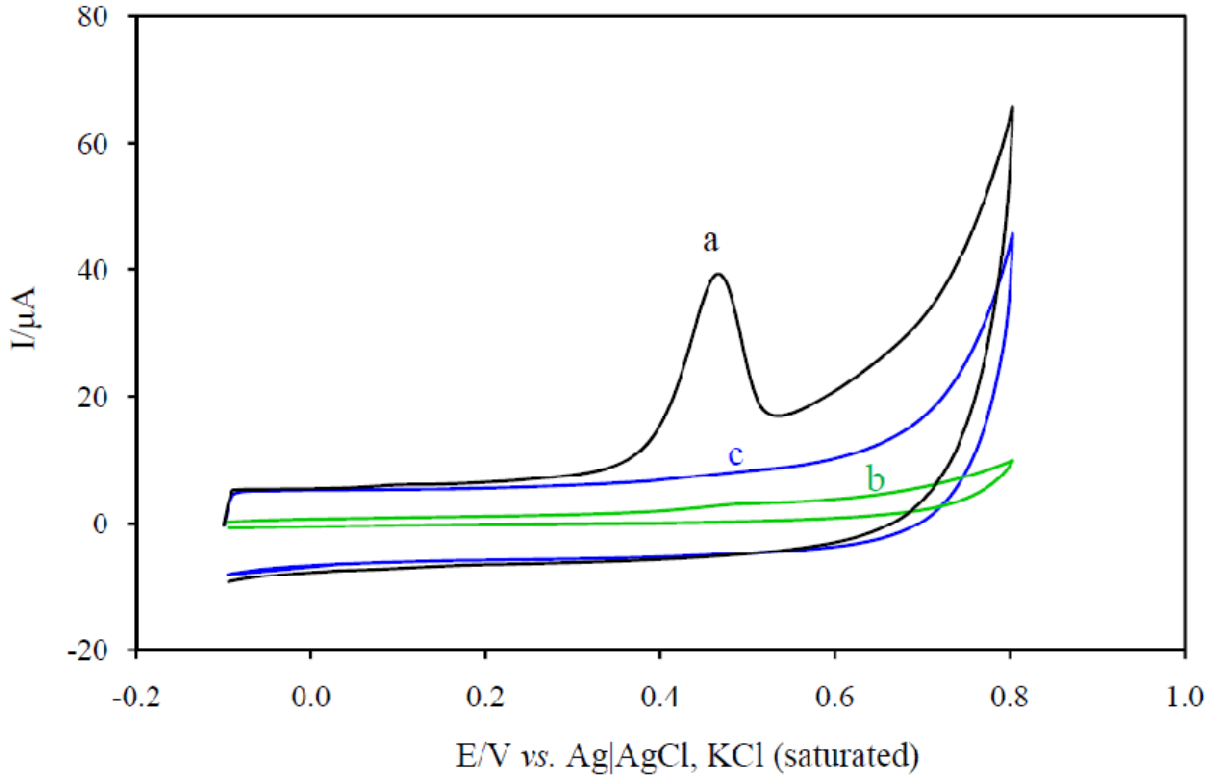

Fig. S1. Cyclic voltammograms of 50 μM **EP** (a) on MWCNTs–GC electrode (b) bare GC electrode and (c) Blank CV of MWCNTs–GC electrode; scan rate: 50 mVs^{-1}; supporting electrolyte solution (pH 12.0); accumulation time: 10 min (at open circuit); stirring rate: 500 rpm; volume of MWCNTs suspension: 10μL.

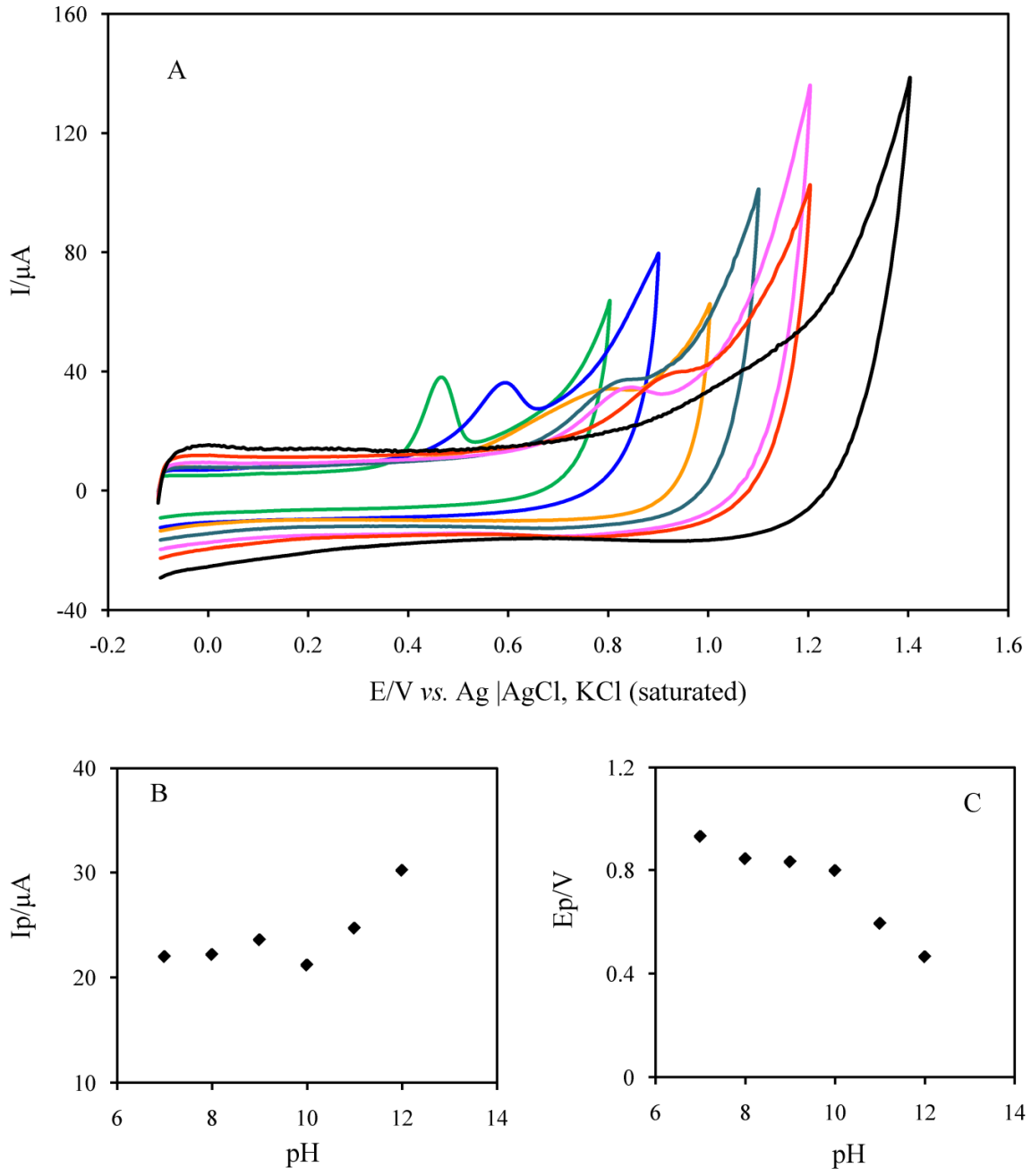

Fig. S2. (A) Cyclic voltammograms of 50 μM **EP** on MWCNTs–GC electrode in various pHs (6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0) of supporting electrolyte solution, (B) the oxidation peak current (i_p) and (C) the oxidation peak potential (E_p) with pH solution; scan rate: 50 mVs^{-1}; accumulation time: 10 min (at open circuit); stirring rate: 500 rpm; volume of MWCNTs suspension: 10μL.

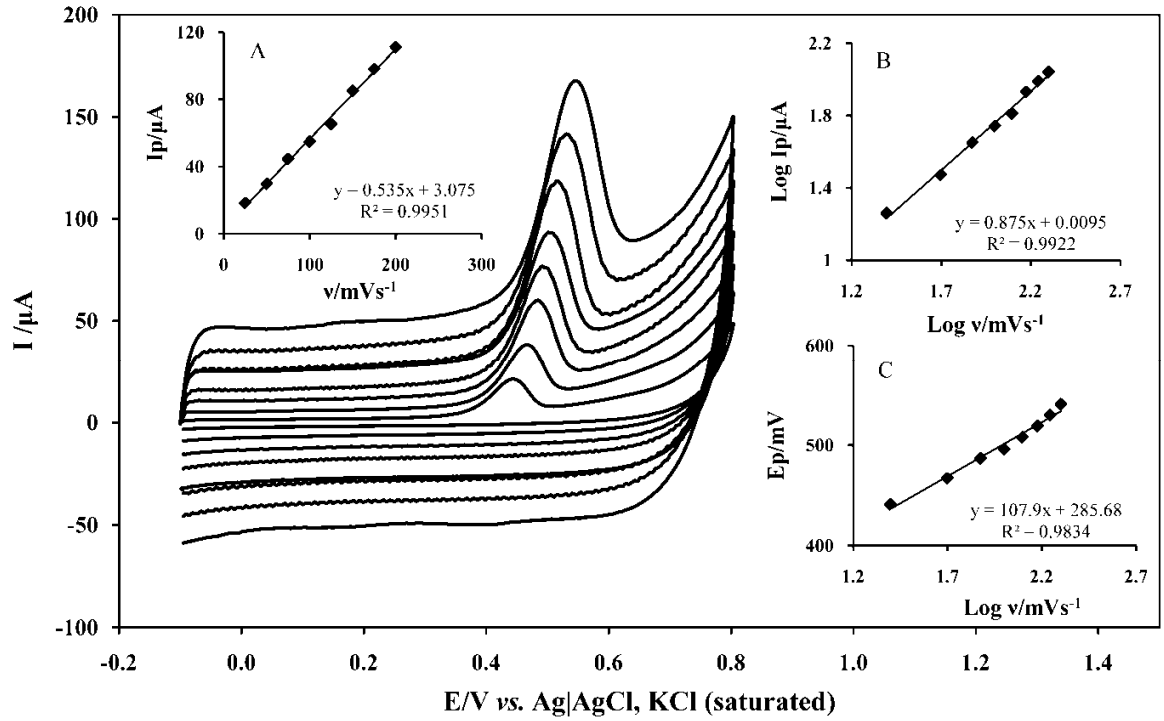

Fig. S3. CVs of 50 µM **EP** at different scan rates (down to up, 25–200 mVs^{-1}); Insets: (A) the plot of i_p *vs.* ν, (B) the plot of log(i_p) *vs.* log(ν), and (C) variation of peak potential (E_p) with log(ν); supporting electrolyte solution: pH 12.0; accumulation time: 10 min (at open circuit); 500 rpm; volume of MWCNTs suspension: 10µL.