Polypyrrole-coated GCE Sensor for sensitive detection of 5-Fluorouracil *via* molecular imprinting

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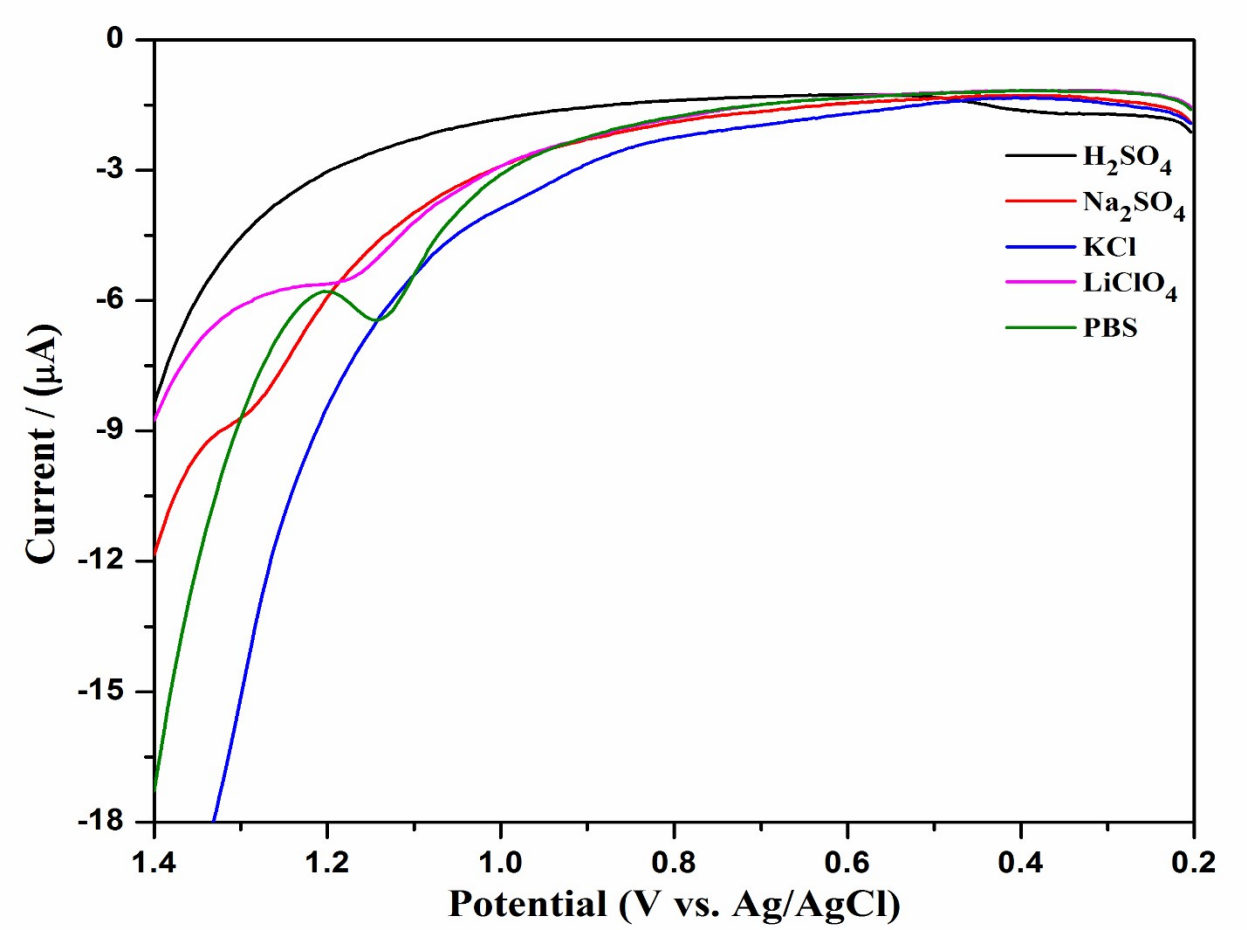
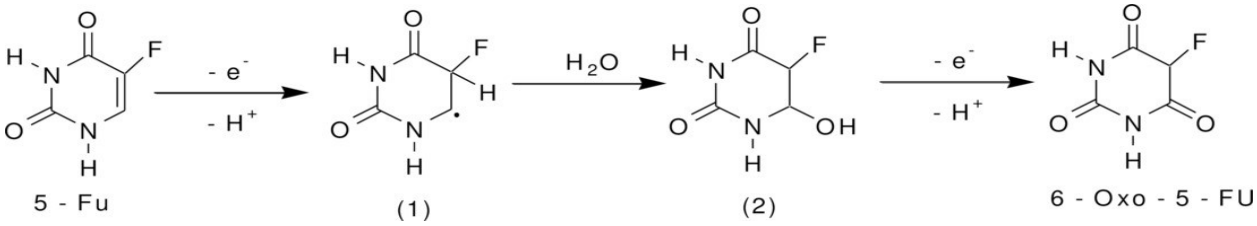


Figure S1: DPV response of 10 μM 5-FU in 0.1 M of H_2SO_4, Na_2SO_4, KCl, $LiClO_4$ and PBS as supporting electrolytes on MIP sensor.



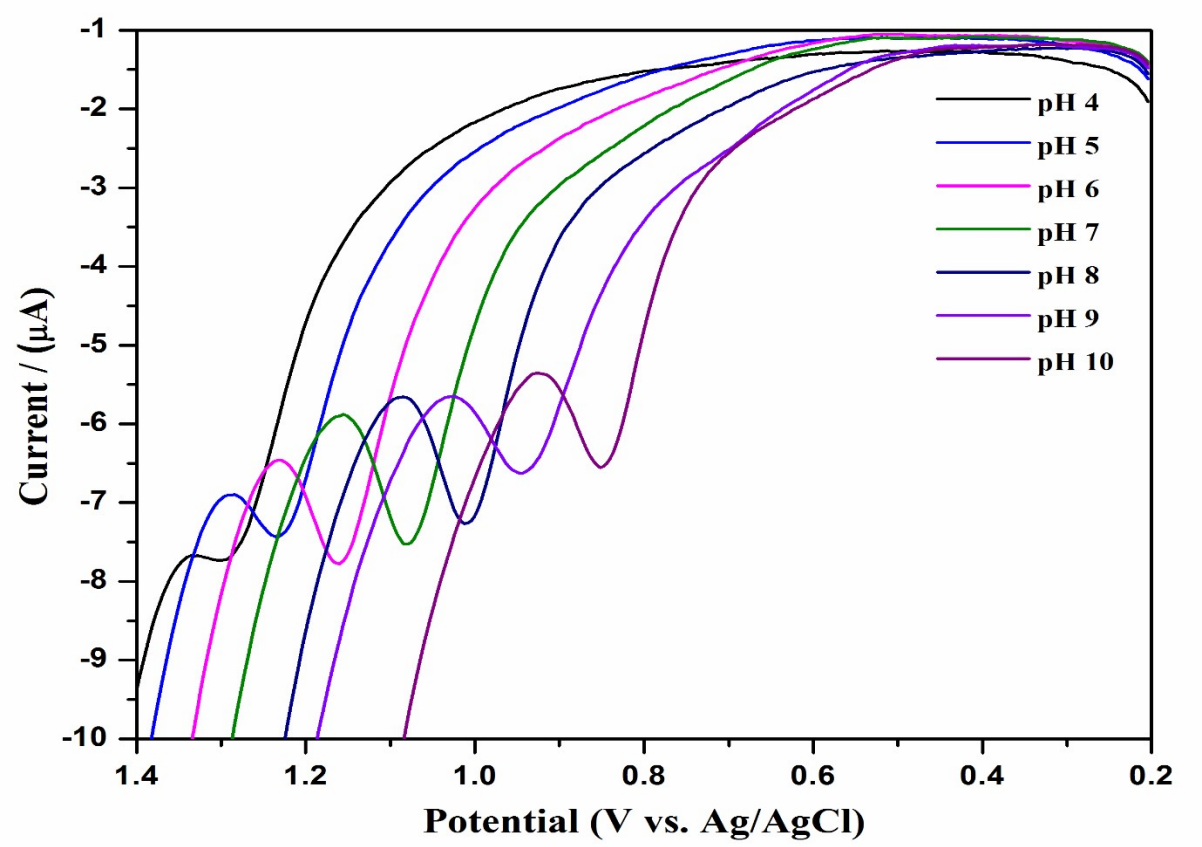


Figure S2: DPV response of 10 μM 5-FU obtained on fabricated MIP sensor in 0.1 M PBS at varying pH (*i.e.*, pH 4, 5, 6, 7, 8, 9 and 10).

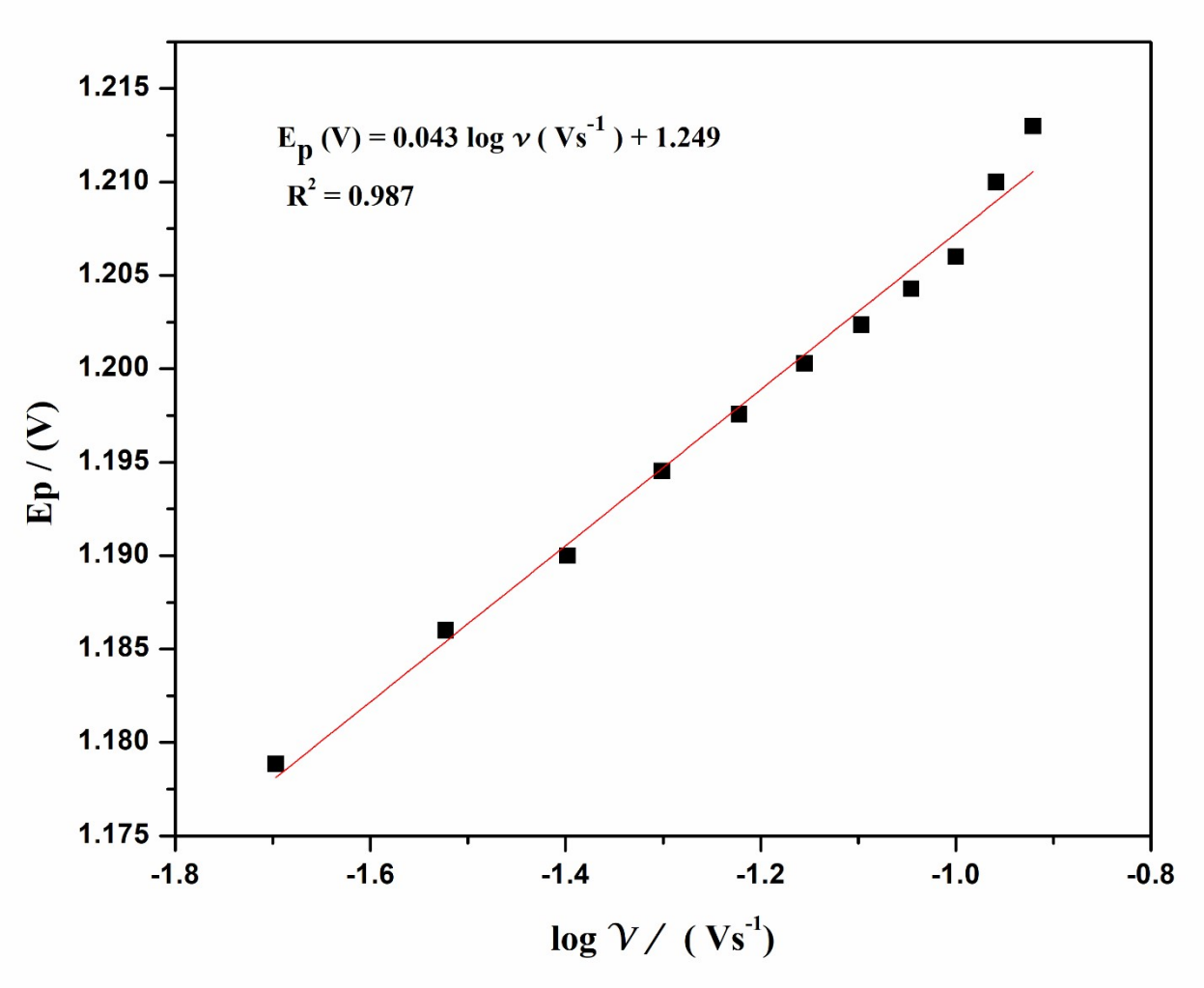


Figure S3: Relationship between peak potential and logarithm of scan rate.

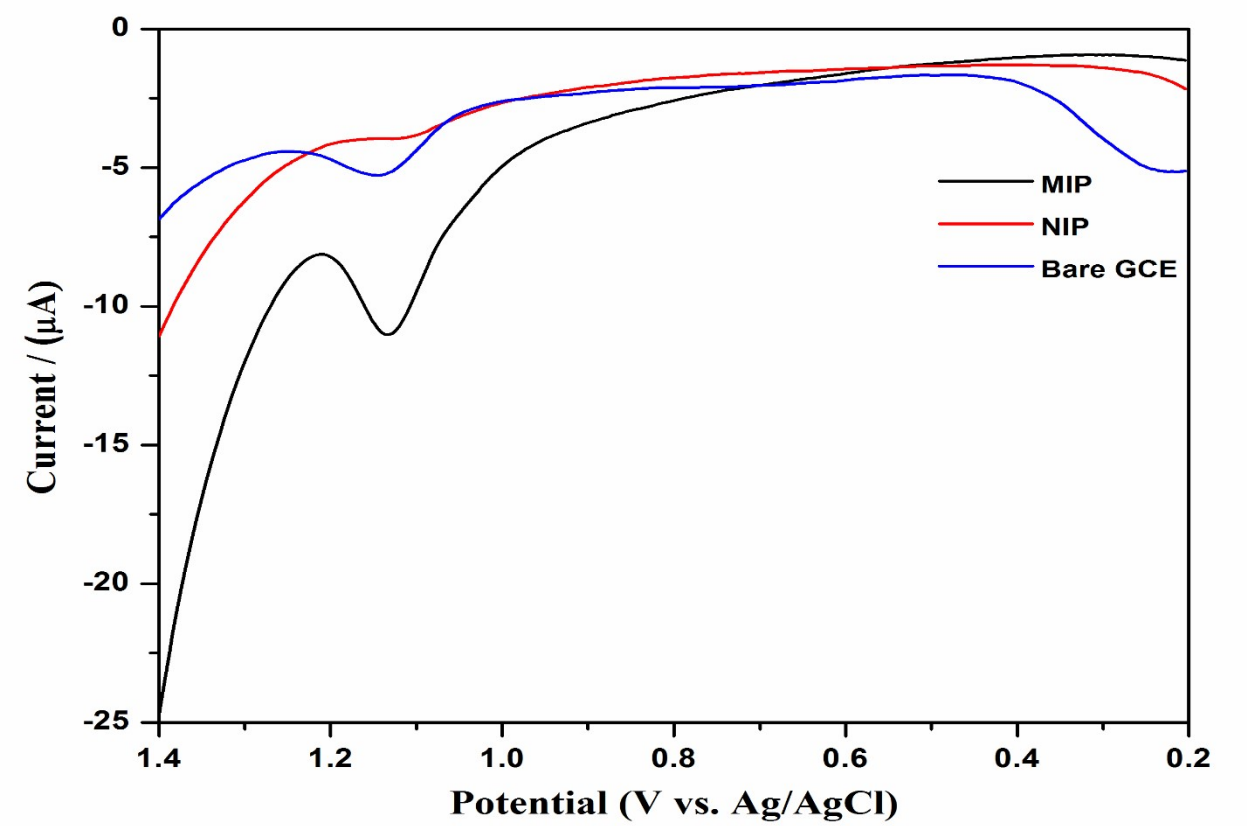


Figure S4: DPV response of 26 µM 5-FU on different modified electrodes in phosphate buffer (pH 6.0): MIP (black), bare GCE (blue) and NIP (red).

Table S1: Freundlich isotherms parameters for the adsorption of 5-FU onto MIP/ NIP-coated GCE electrode.

Modified Surface	a	m	R^2
MIP	2.432	0.443	0.996
NIP	0.648	0.470	0.918