An electrochemical sensor based poly(procaterol hydrochloride)/ carboxyl multi-walled carbon nanotube for the determination of bromhexine hydrochloride

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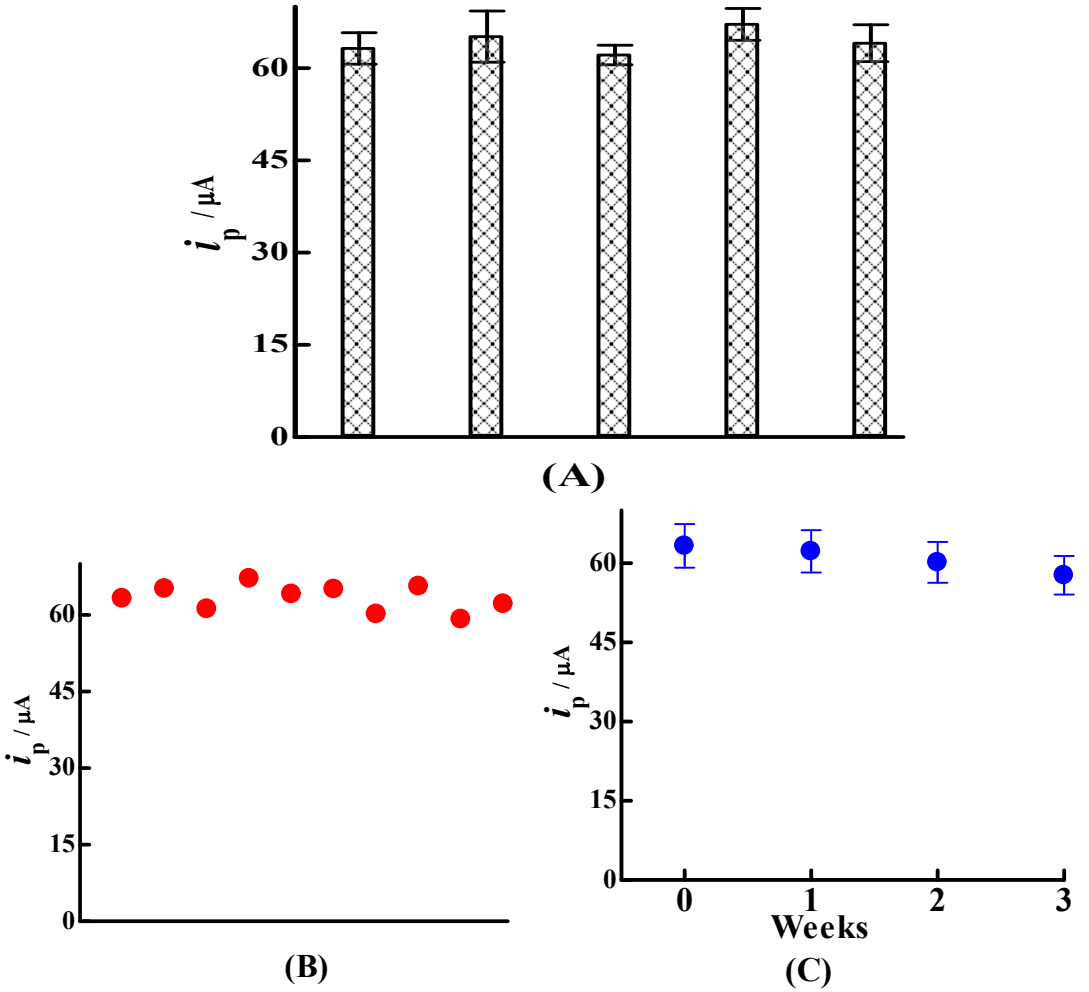

Fig. S1 The oxidation peak current of 2×10^{-5} mol·L^{-1} BrH at p-ProH/CMWCNTS/GCE in 0.2 mol·L^{-1} PBS (pH 5.5) in reproducibility, repeatability and stability studies.

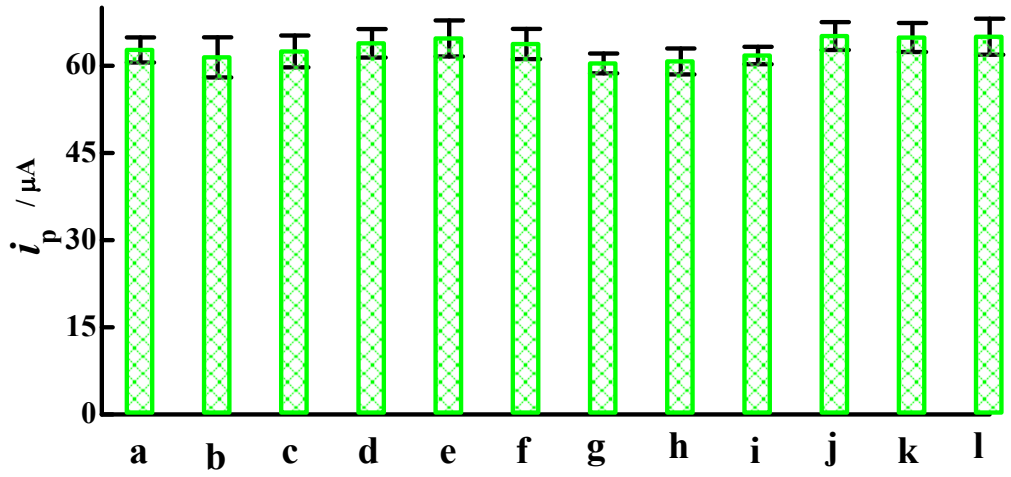

Fig. S2 The interferences study of p-ProH/CMWCNTS/GCE to 2 × 10^{-5} mol·L^{-1} BrH (a) added 500 folds citric acid (b), magnesium chloride (c) and magnesium stearate (d), 250 folds sucrose (e), glucose (f), fructose (g), maltose (h) and lactose (i), 10 folds dopamine (j), ascorbic (k) and uric acid (l).