

SUPPLEMENTARY DATA



Electrochemical and *in Silico* Investigations of the Interaction between Nitro Blue Tetrazolium Chloride and Bovine Serum Albumin

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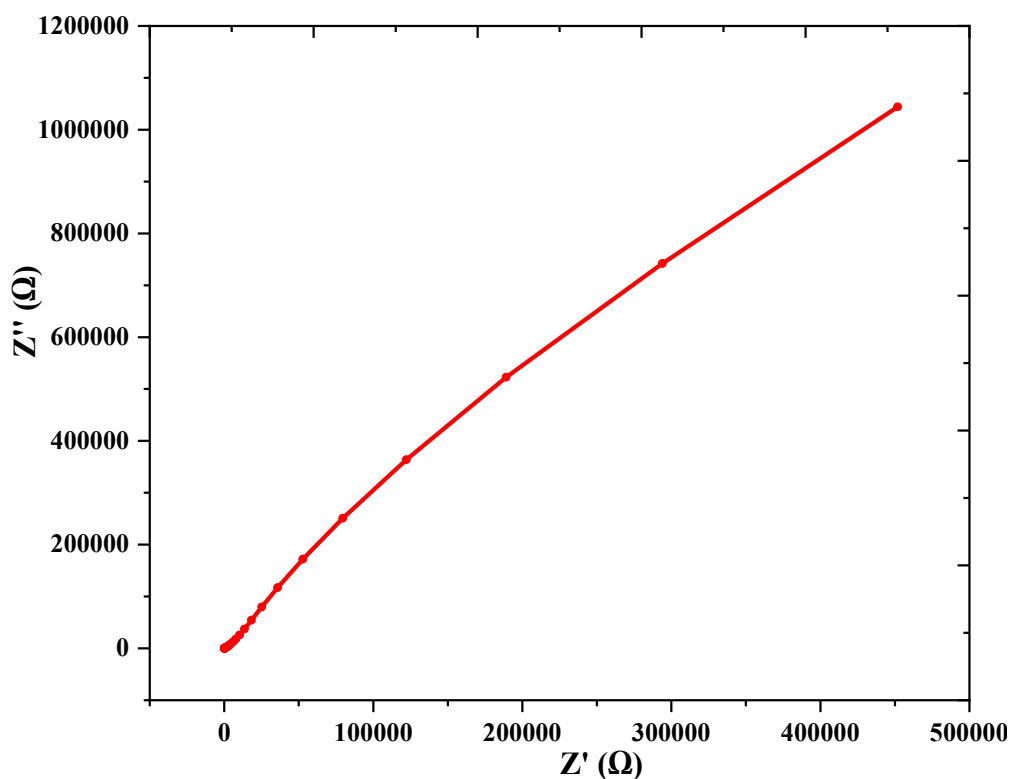


Figure S1. EIS responses of GCE in a solution of 5.0 mM $K_4Fe(CN)_6$ in 0.1 M KCl.

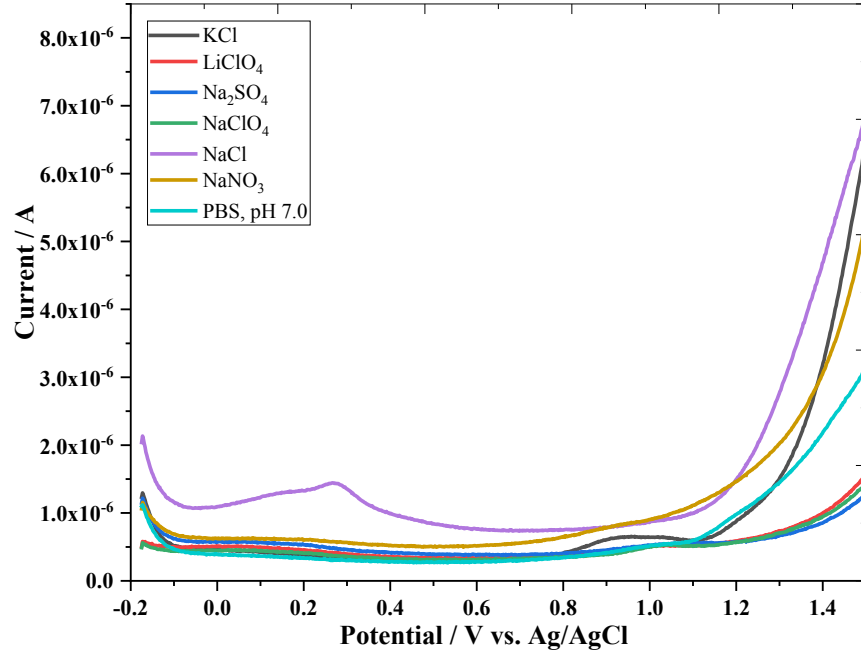


Figure S2. DPV responses of 0.1mM NBTC at GCE in different electrolyte solutions.

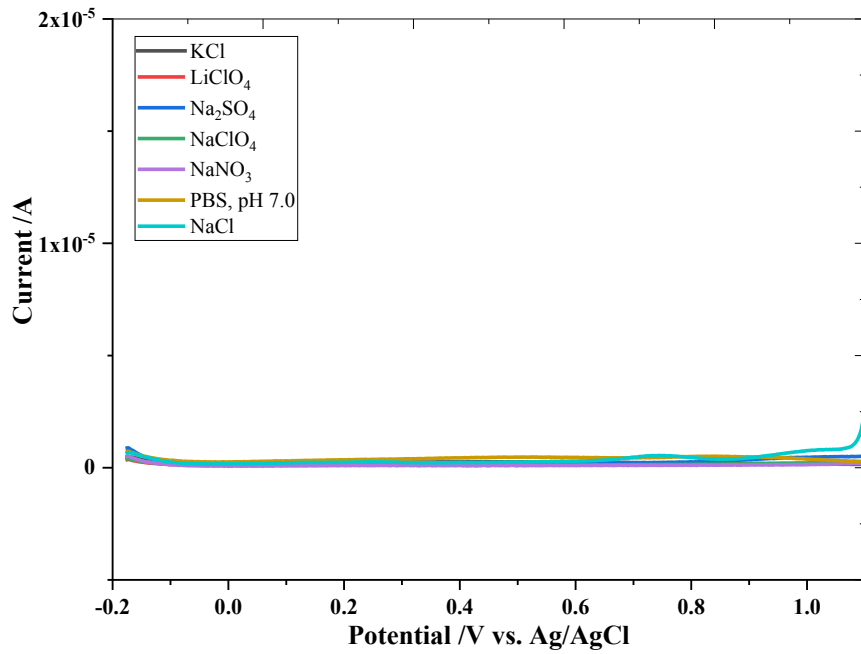


Figure S3. DPVs of 0.1mM NBTC at Au electrode in different electrolyte solutions.

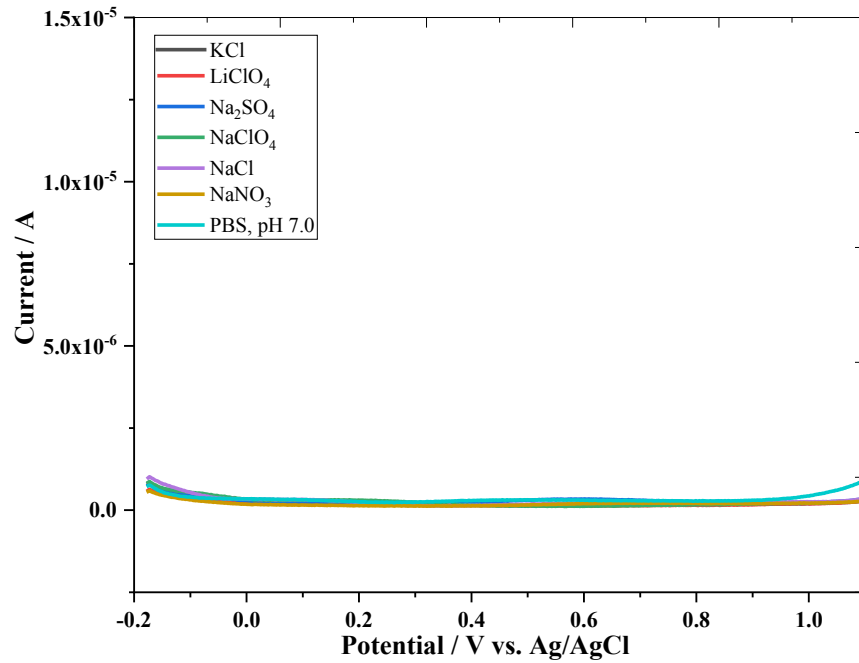


Figure S4. DPVs of 0.1mM NBTC at Pt electrode in different electrolyte solutions.

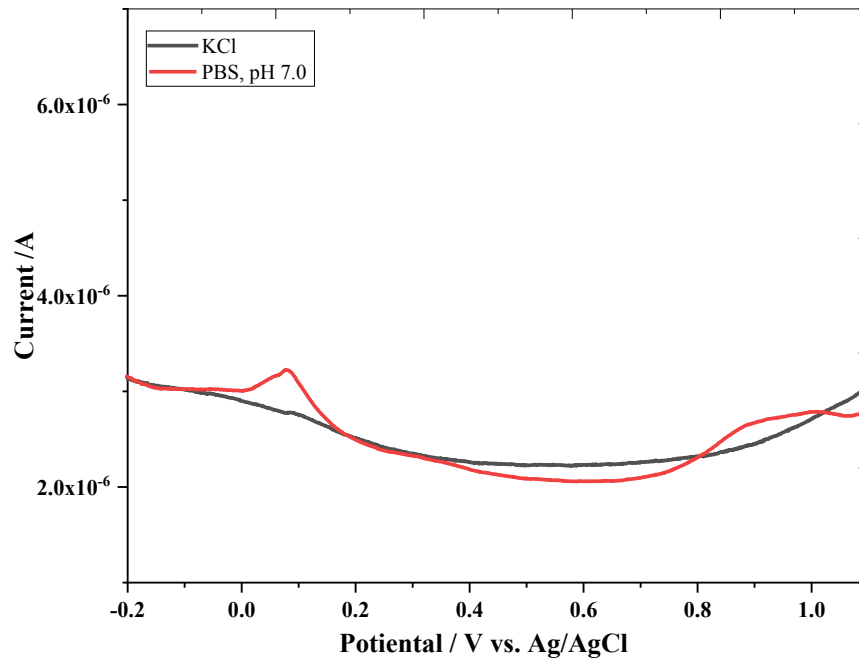


Figure S5. SWV responses of 0.1mM NBTC at GCE in different electrolyte solutions.

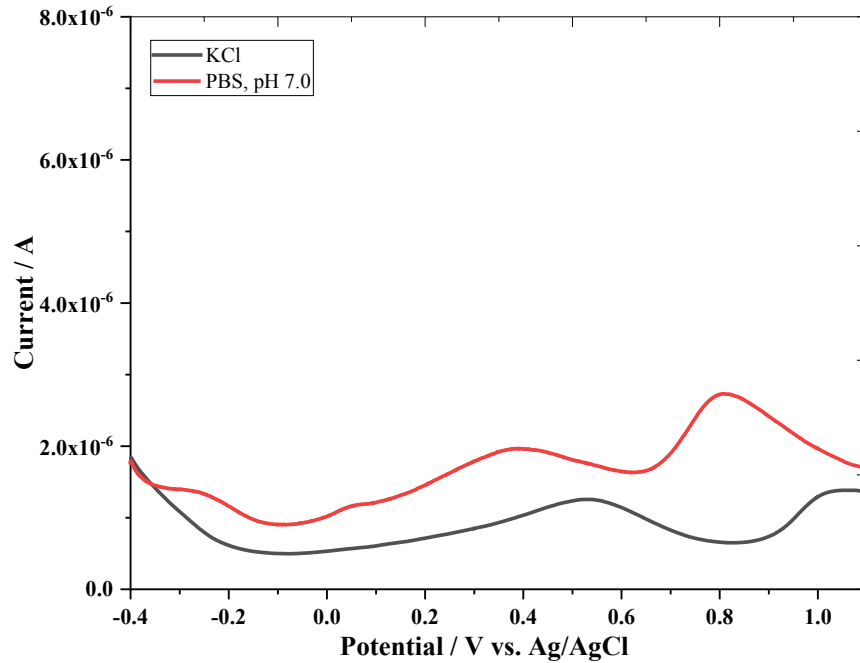


Figure S6. SWV responses of 0.1mM NBTC at Au electrode in different electrolyte solutions.

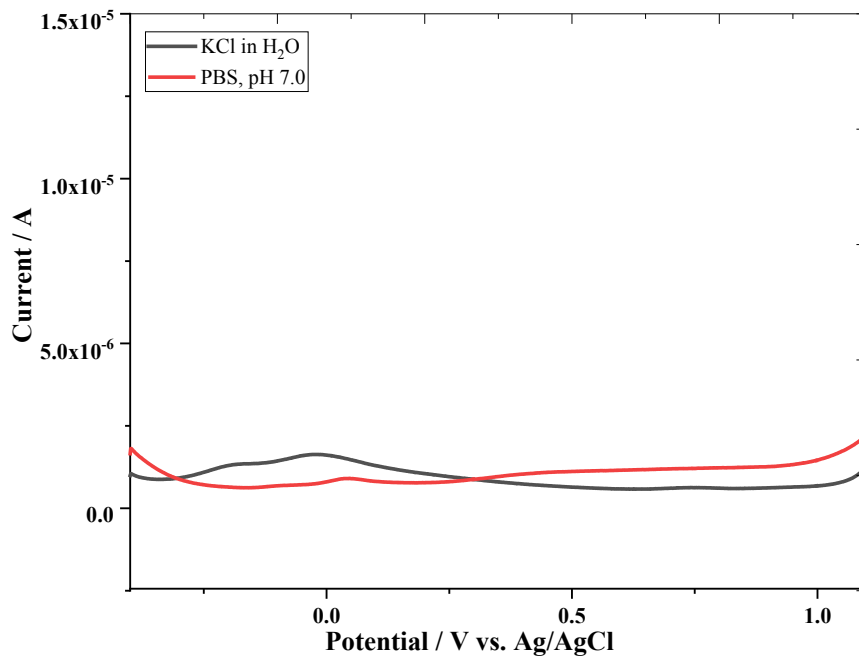


Figure S7. SWV responses of 0.1mM NBTC at Pt electrode in different electrolyte solutions.

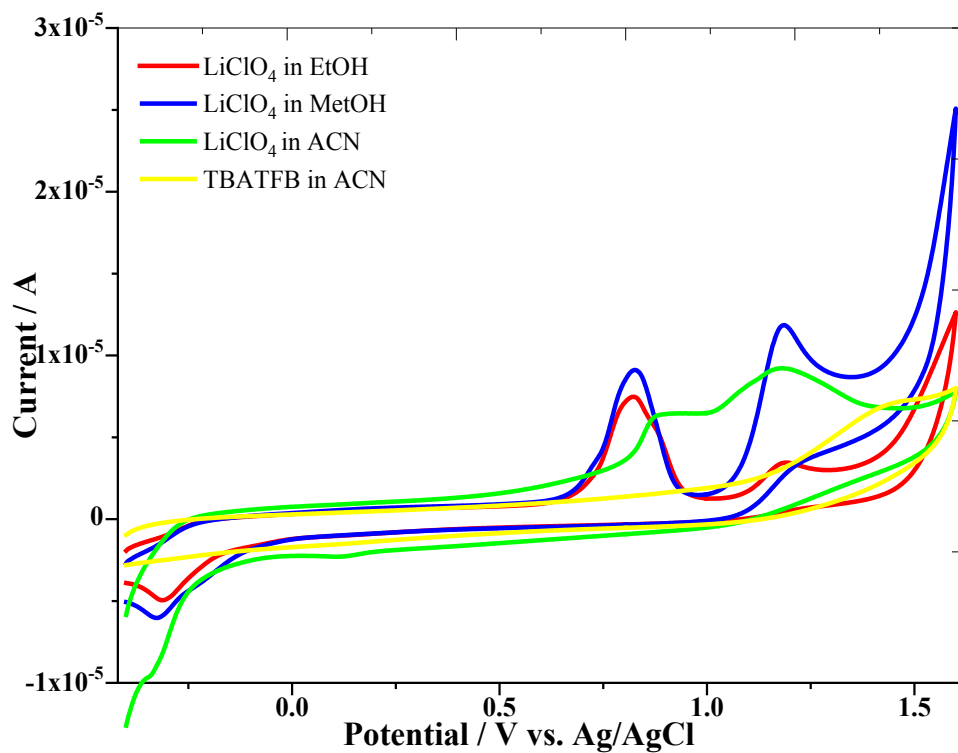


Figure S8. CV responses of 0.1mM NBTC at GCE in non-aqueous electrolyte solutions.

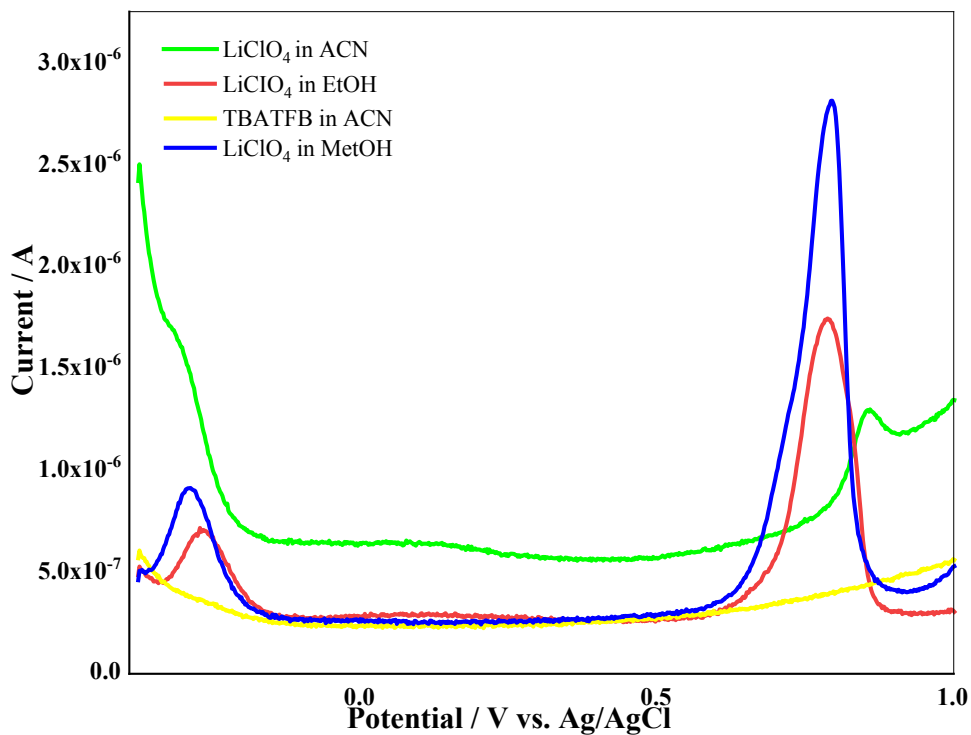


Figure S9. DPV responses of 0.1mM NBTC at GCE in non-aqueous electrolyte solutions.

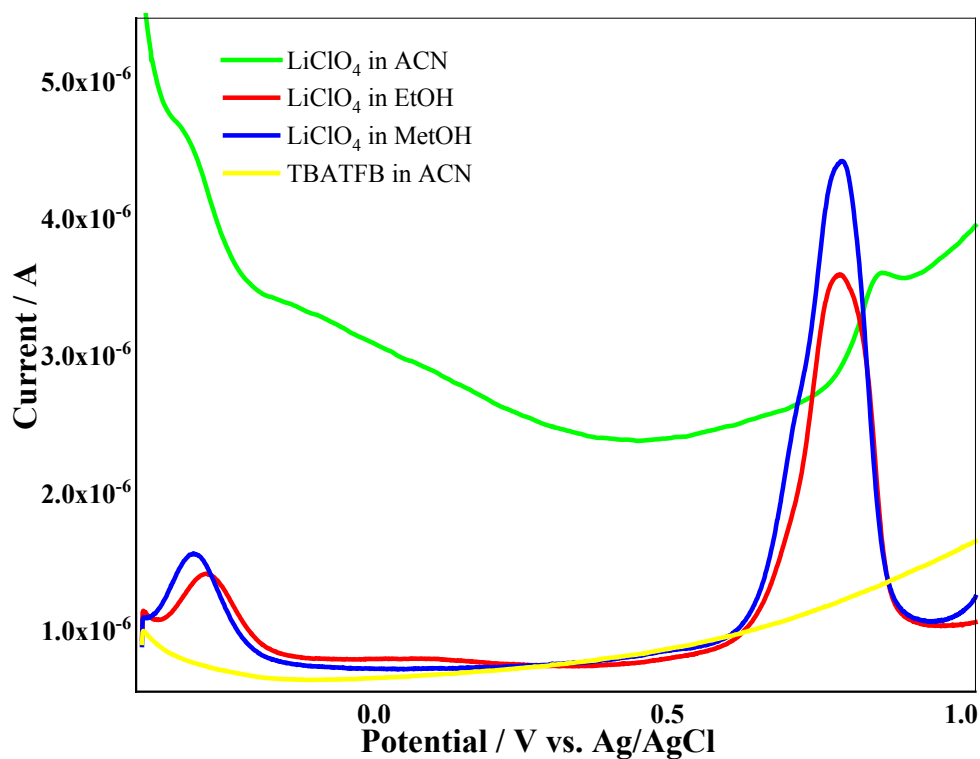


Figure S10. SWV responses of 0.1mM NBTC at GCE in non-aqueous electrolyte solutions.

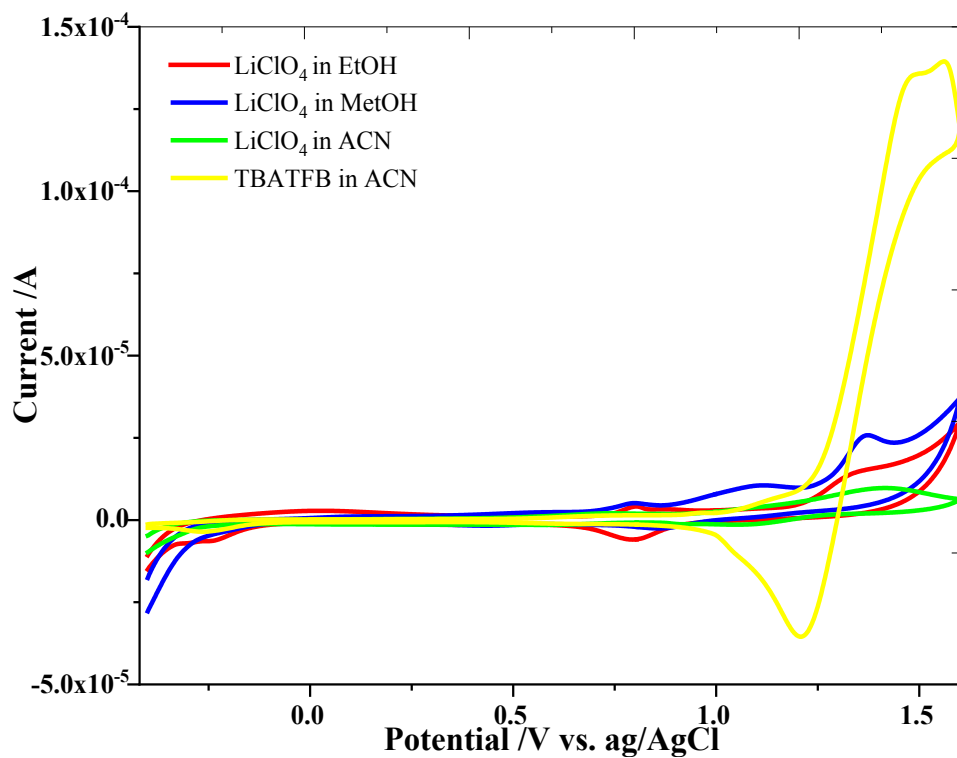


Figure S11. CV responses of 0.1mM NBTC at Au electrode in non-aqueous electrolyte solutions.

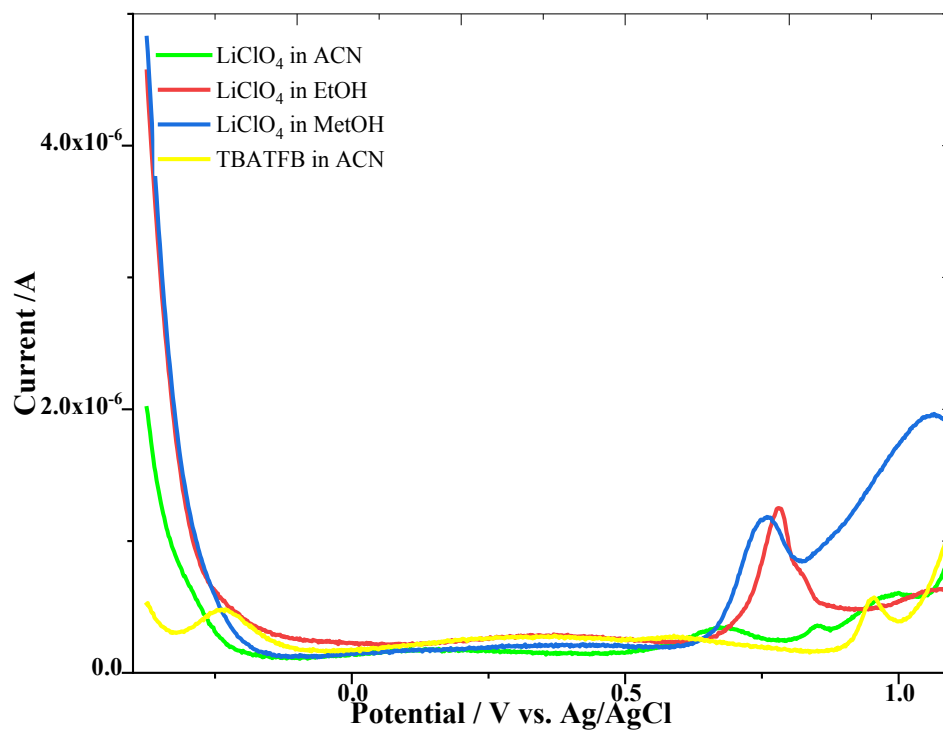


Figure S12. DPV responses of 0.1mM NBTC at Au electrode in non-aqueous electrolyte solutions.

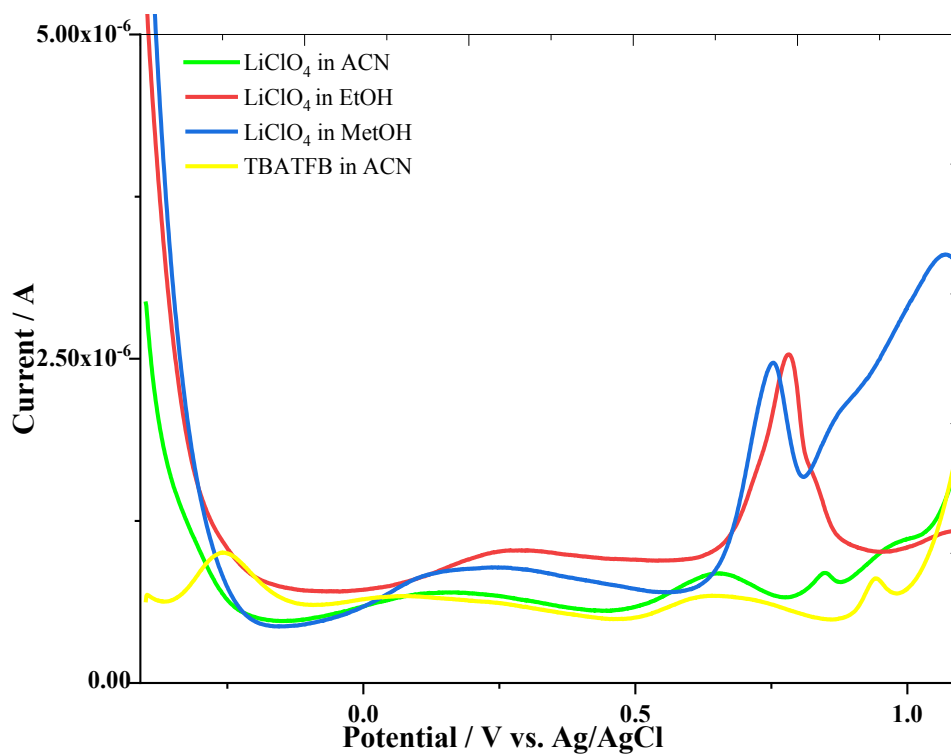


Figure S13. SWV responses of 0.1mM NBTC at Au electrode in non-aqueous electrolyte solutions.

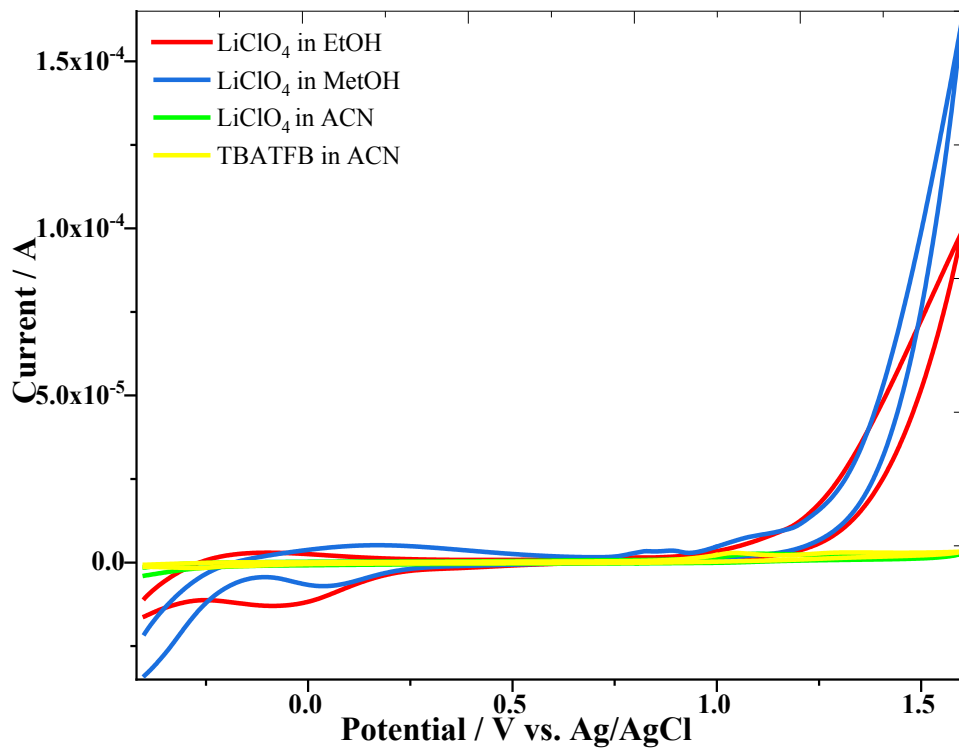


Figure S14. CV responses of 0.1mM NBTC at Pt electrode in non-aqueous electrolyte solutions.

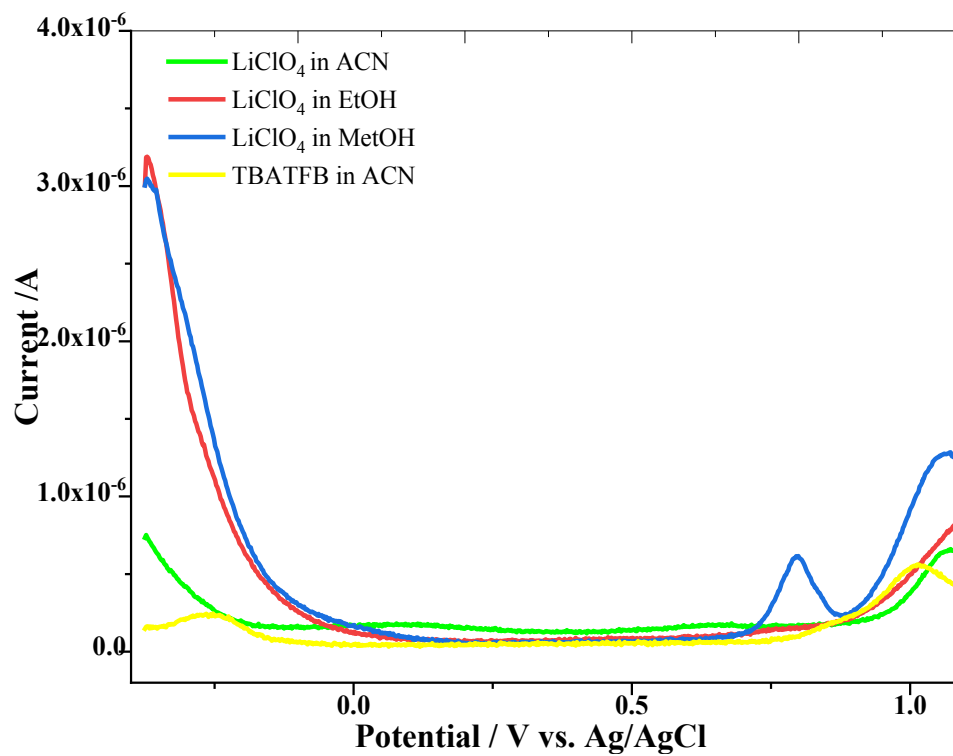


Figure S15. DPV responses of 0.1mM NBTC at Pt electrode in non-aqueous electrolyte solutions.

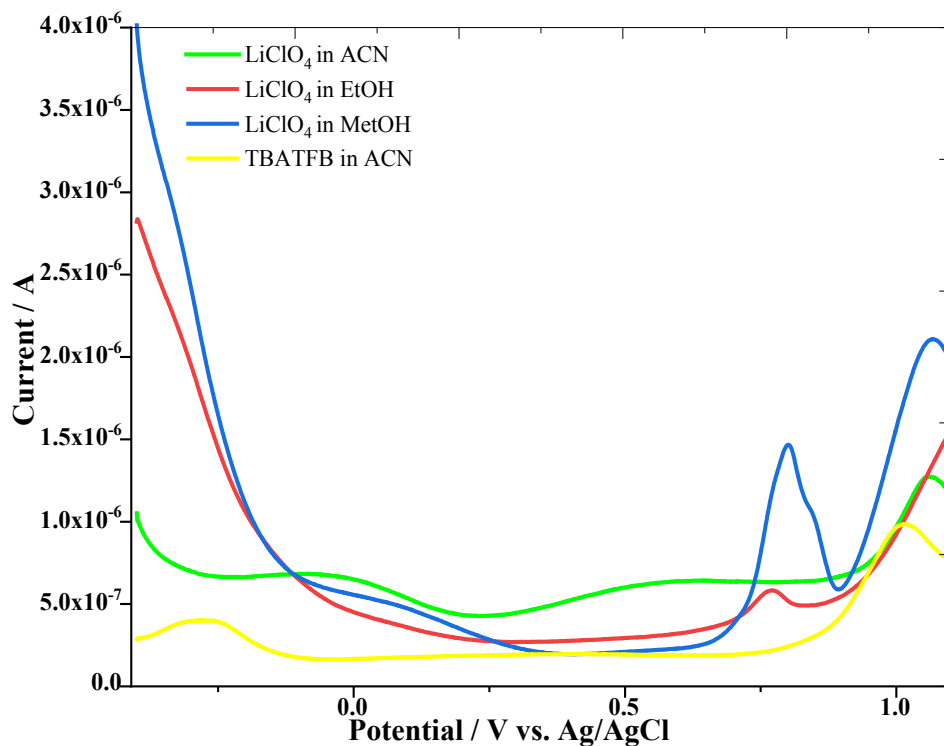


Figure S16. SWV responses of 0.1mM NBTC at Pt electrode in non-aqueous electrolyte solutions.

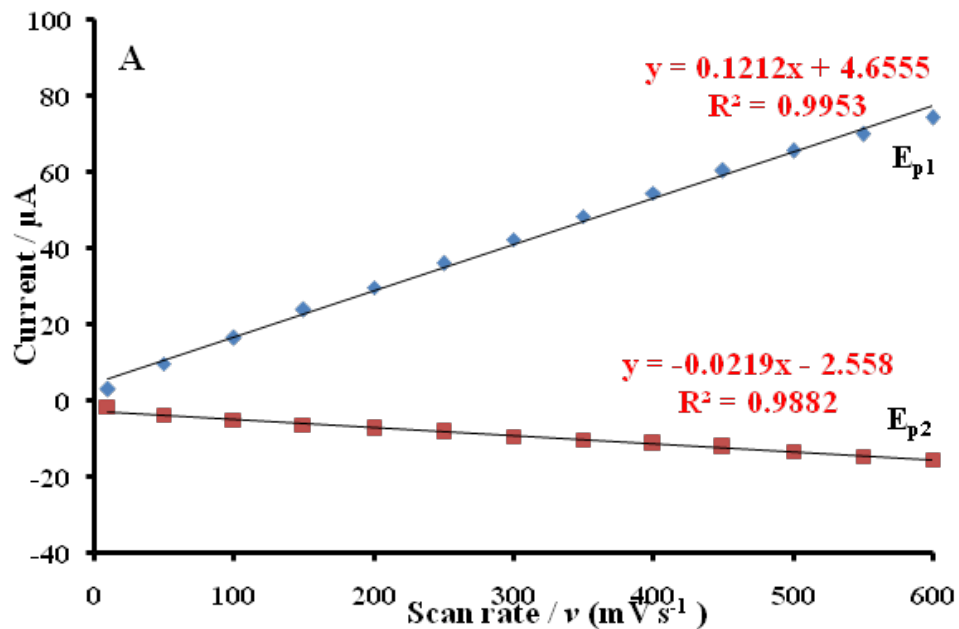


Figure S17. Relationship between A. scan rate vs. peak currents and B. square root of scan rates vs. peak currents for 0.1mM NBTC.

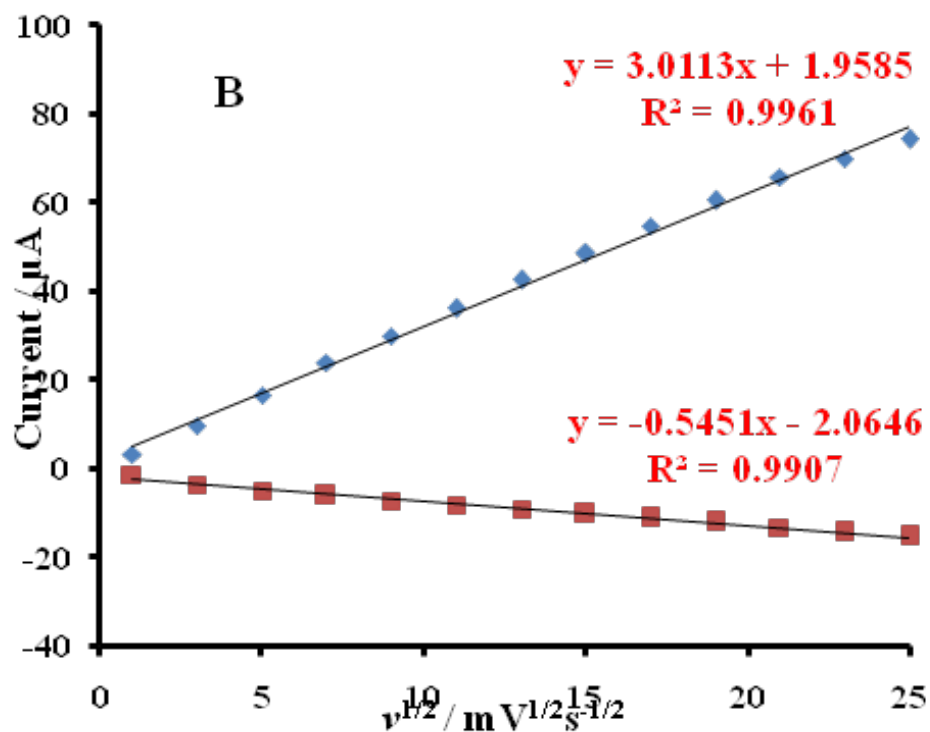


Figure S18. Relationship between $\log I_p - \log v$ for 0.1 mM NBTC.



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