

## Electronic Supplementary Information (ESI)

### Voltammetric responses at Modified Electrodes and Aggregation Effects of Two Anticancer molecules: Irinotecan and Sunitinib

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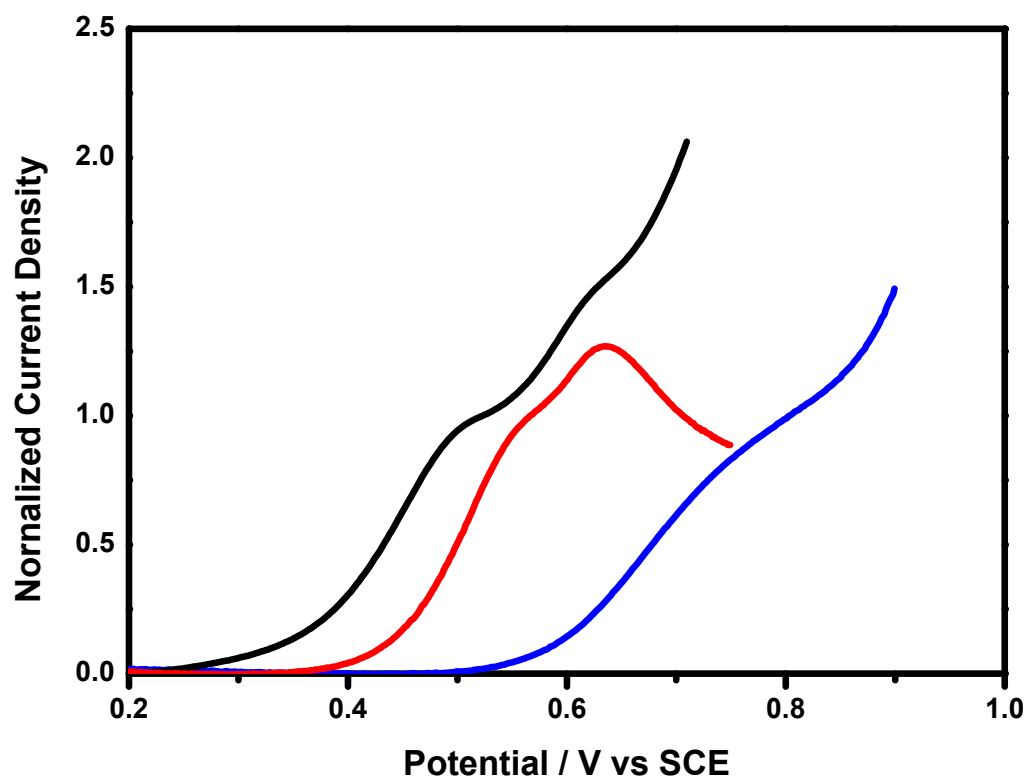
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**Figure S1.** Normalized Single Sweep Cyclic Voltammograms of SUN at ITO, ITO/NT and GC electrodes.

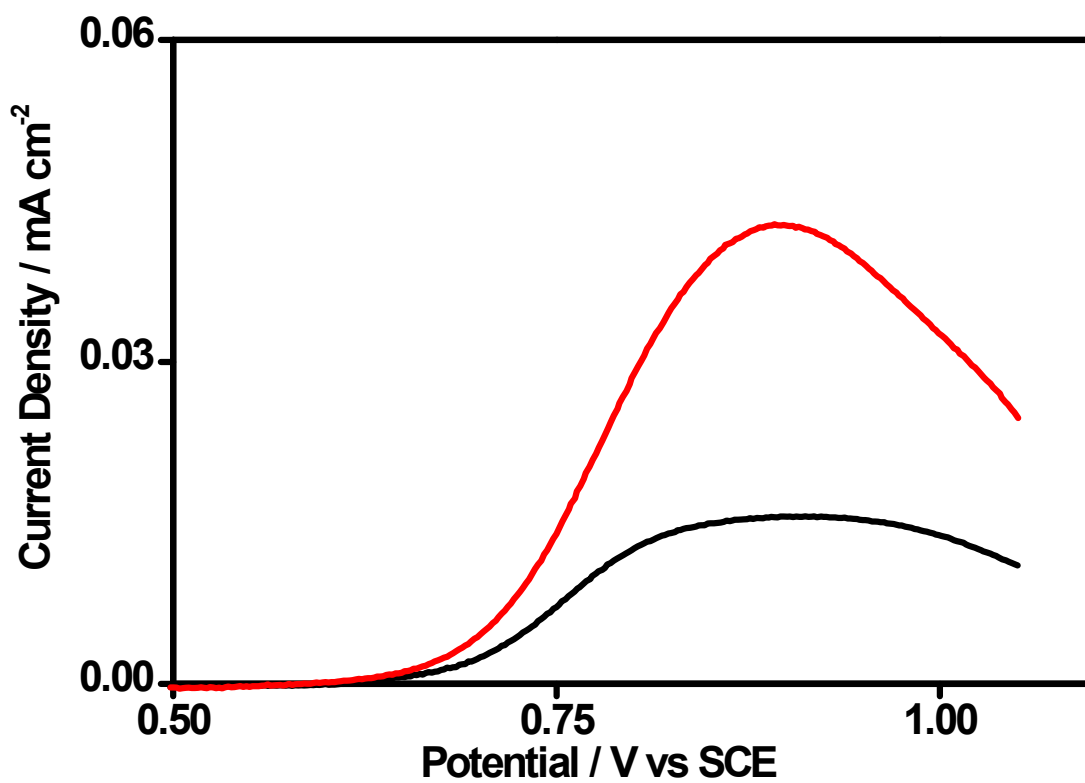
**Figure S2.** Single Sweep cyclic voltammograms of ITC at GC and CG/NafionNT electrodes.

**Figure S3.** Single Sweep cyclic voltammograms of SUN at CG/NafionNT in pH 5, 7, 9, 10 buffers.

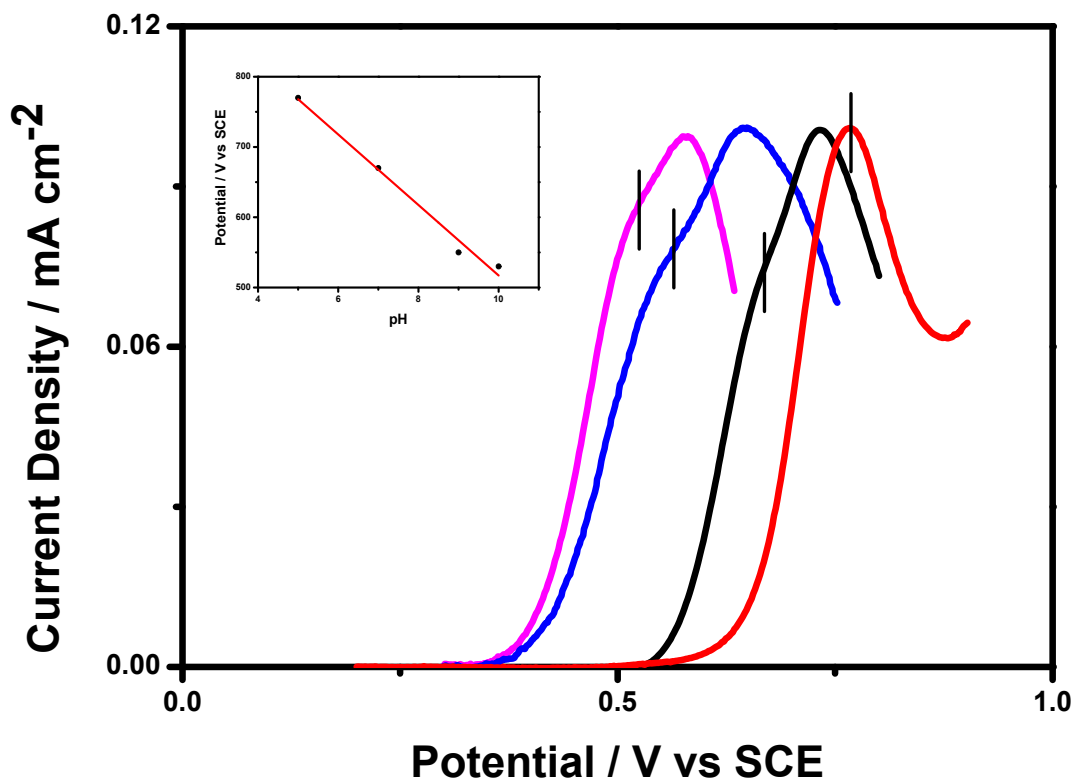
**Figure S4.** Calibration curves of ITC and SUN in pH 9 and 7 buffers, respectively.



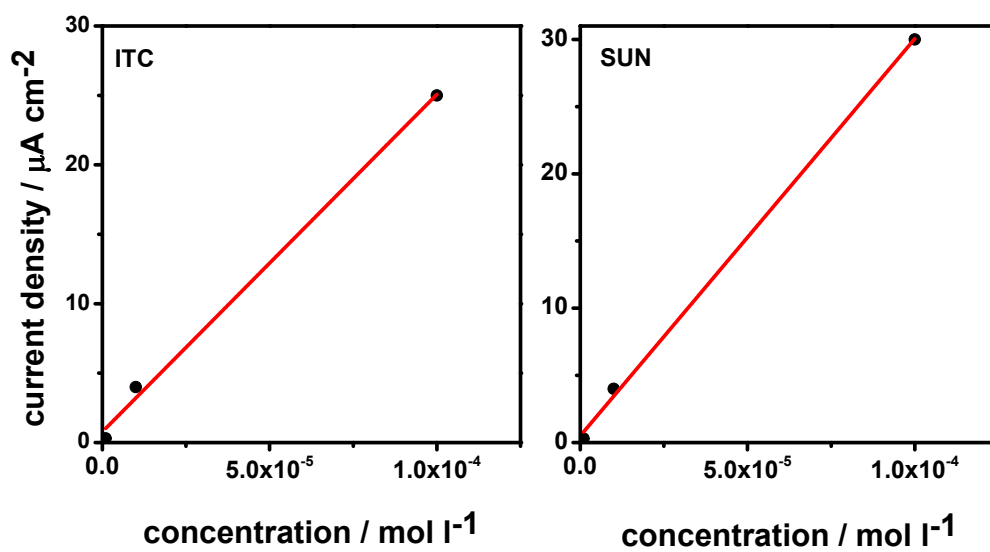
**Figure S1.** Normalized Single Sweep Cyclic Voltammograms of SUN  $4 \times 10^{-5}$  M in 1:3 v/v DMSO/water pH 9 buffer + 0.1 NaCl at: ITO (blue line), ITO/NT (black line) and GC (red line) electrodes.  $v = 0.02 \text{ V s}^{-1}$ .



**Figure S2.** Single Sweep cyclic voltammograms of ITC  $10^{-4}$  M in pH 7 buffer + 0.1 NaCl at CG (black line) and CG/NafionNT (red line) electrodes.  $v = 0.02 \text{ Vs}^{-1}$ .



**Figure S3.** Single Sweep cyclic voltammograms at CG/NafionNT electrodes of SUN  $3 \times 10^{-5}$  M in pH 5 (red line), 7 (black line), 9 (blue line) and 10 (pink line) buffers.  $v = 0.02 \text{ V s}^{-1}$ . Insert SUN oxidation peak potential vs pH.



**Figure S4.** Calibration curves of ITC and SUN in pH 9 and pH 7 buffers, respectively.