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## Electronic Supplementary Information

## Highly Oriented Lamellar Polyaniline Films via Electrochemical

## **Polymerization and Post-Growth Annealing**

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**DSC thermogram:** Fig. SI1 shows the DSC thermogram of the as-prepared PANI film. It exhibits the first endothermic peaks between 70~120 °C, which could be assigned to the release of water. The second endothermic transition observed between 170~200 °C is attributed to the loss of low-molecular-weight oligomers and dopant, which is consistent with the TGA result shown in Fig. 5.



Figure SI1. DSC thermogram of the as-prepared PANI film.