

## Supporting information

# A new squaraine-triazine based covalent organic polymers as electrode material with long life and high performance for supercapacitor

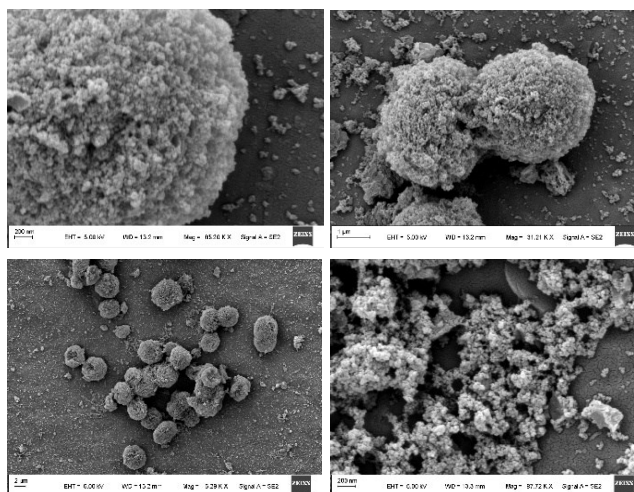
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**Figure S1** SEM images of ST-1

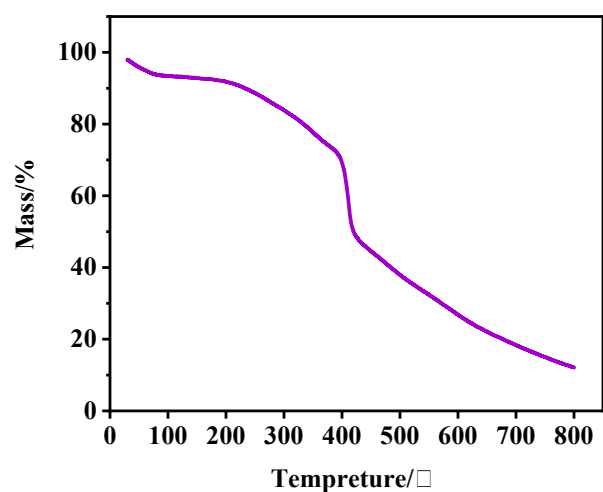


Figure S2 TG curve of ST-1

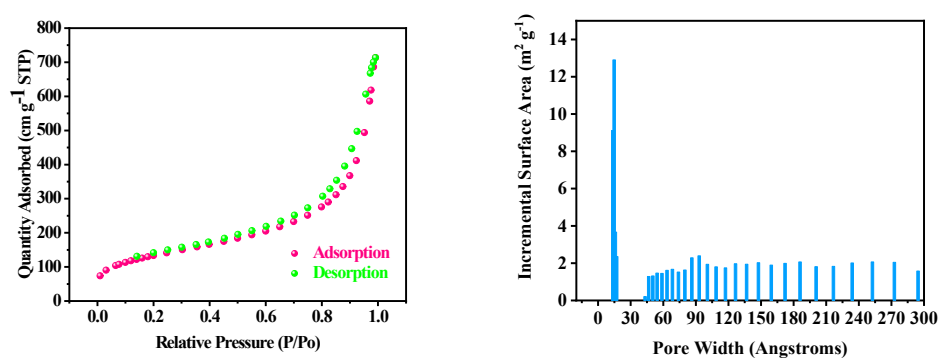


Figure S3 (a) Pore size distribution of ST-1. (b)  $N_2$  adsorption and desorption isotherm.

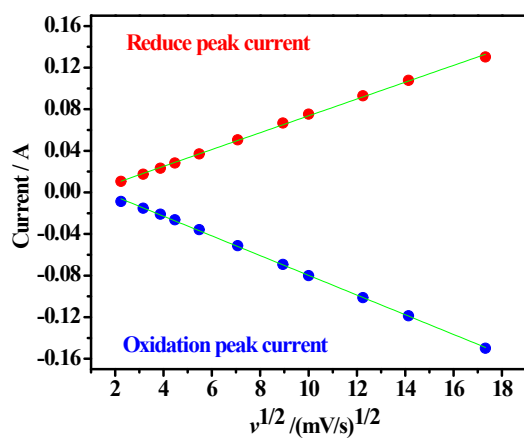


Figure S4 The linear relationship between redox peak current and the square root of scan rate ( $v$ ) of ST-1 within the potential window of 0 V ~ 0.5 V.