Donor-free oligothiophene based dyes with di-anchor architecture for Dye-Sensitized Solar Cells

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**Content in the raw data repository:**

* **Description:** The repository contains the following raw data: UV-vis spectra, CV and SW voltammograms and JV measurements of compounds **5T2A**, **5T2A-E**, **8T4A** and **8T4A-E**.
* **Size:** 476 KB.
* **Platform:** All files can be manipulated using the Origin software.
* **Major component description:** The UV-vis measurements were recorded in THF solution at 1 x 10-5 M concentration. The CV and SW measurements were recorded in in THF at 1 x 10-3 M concentration, and the external reference measurements (ferrocene/ferrocenium (Fc/Fc+) redox couple) are also included for each experiment.
* **Detailed setup instructions and output description:** To visualise the CV and SW data in the same manner that is displayed in the manuscript, one has to multiply the Current (Y-axis) by 1000000 to obtain the values in mA, and subtract the ferrocene reference value from the Potential (Voltage) (X-axis). The UV measurements will display Absorbance (Y-axis) *vs* Wavelength (X-axis).
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