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Electronic supplementary information

Rhodanine-3-acetic acid and π -extended tetrathiafulvalene (*ex*TTF) based systems for Dye-Sensitized Solar Cells

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Fig S1. ¹H and ¹³C NMR spectra of **5a** (DMSO- d_6 , 300 MHz, 25 °C)

Compound 5b



Fig S2. ¹H and ¹³C NMR spectra of **5b** (DMSO- d_6 , 300 MHz, 25 °C)

Compound 3



Fig S3. ¹H and ¹³C NMR spectra of 3 (DMSO- d_6 , 700 MHz, 25 °C)



Fig S4. ¹H and ¹³C NMR spectra of **7a** (DMSO- d_6 , 300 MHz, 25 °C)





Fig S5. ¹H and ¹³C NMR spectra of 7b (DMSO- d_6 , 300 MHz, 25 °C)



Fig S6. Molecular orbitals calculated with DFT at a B3LYP/6-31G(d, p) level.