

Electronic Supplementary Information

Donor-acceptor type organic dye connected with quinoidal thiophene for dye-sensitized solar cell

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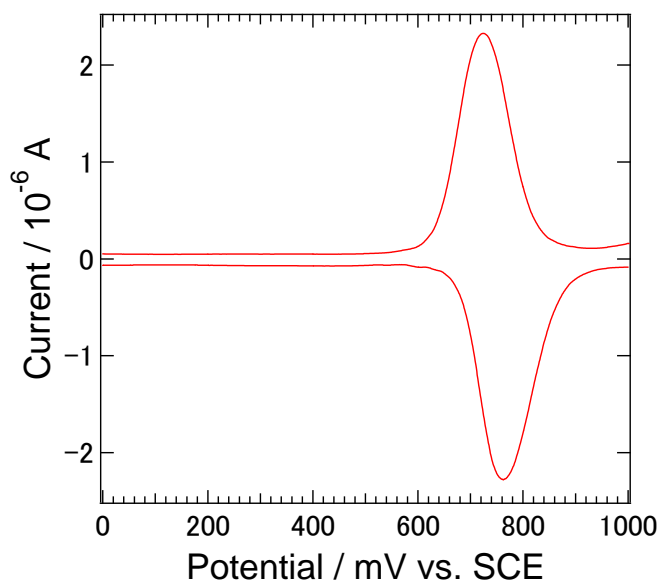


Fig.S1 Differential pulse voltammogram of quinoidal thiophene dye in acetonitrile.

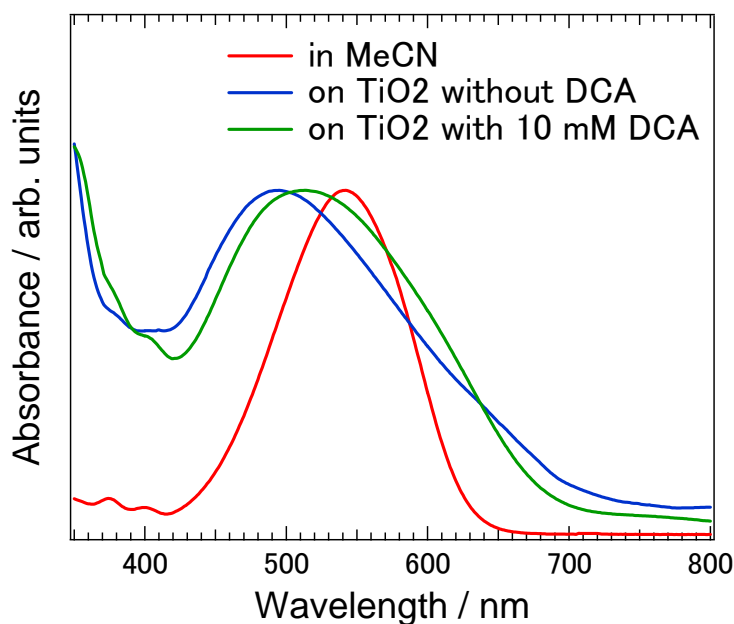


Fig.S2 Absorption spectra of quinoidal thiophene dye in acetonitrile (red line) or on TiO₂ (blue line), and that with 10 mM deoxycholic acid on TiO₂ (green line).