

Supplementary Materials: Optical Absorption Spectra and Electronic Properties of Symmetric and Asymmetric Squaraine Dyes for Use in DSSC Solar Cells: DFT and TD-DFT Studies

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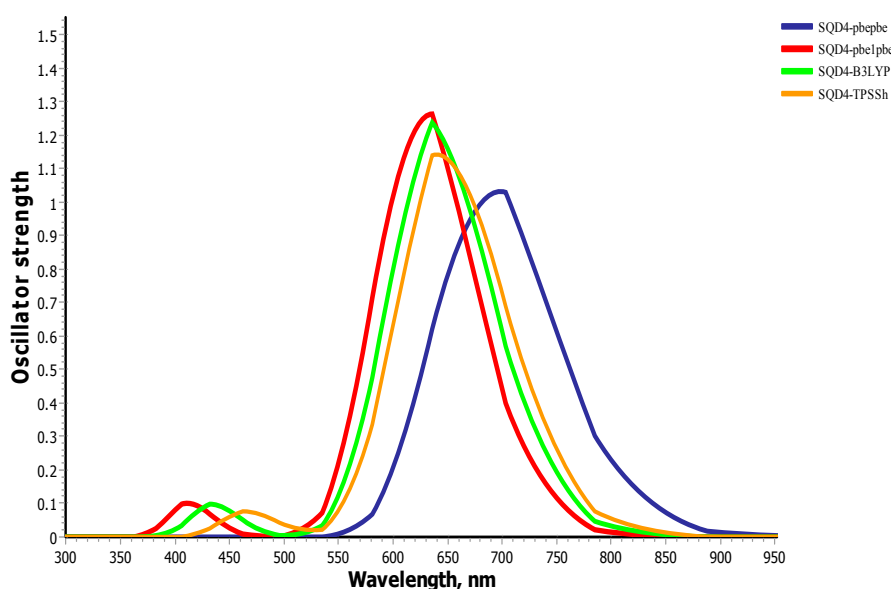


Figure S1. The UV-visible absorption spectra of SQD2 and SQD4 dyes calculated at different functionals with 6-311++G** basis set in the gas phase.

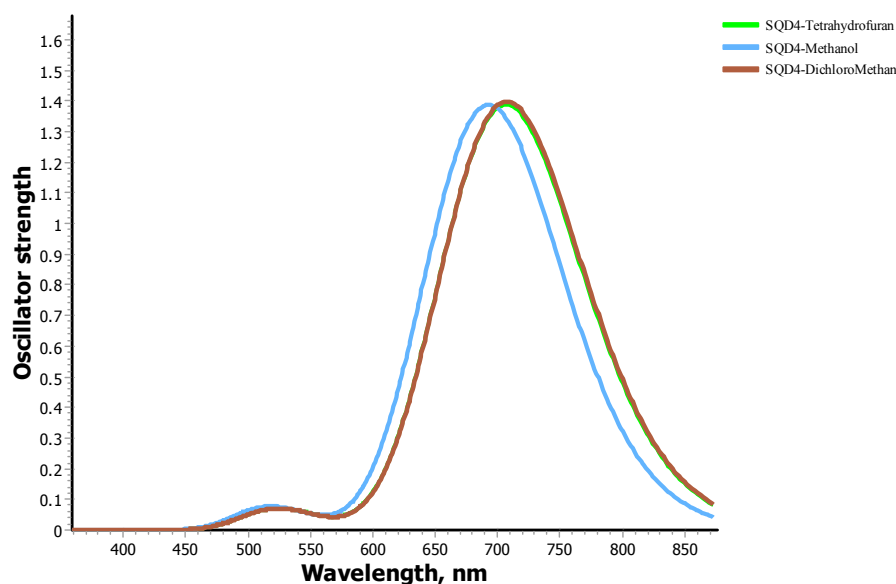


Figure S2. The UV-visible absorption spectra of SQD4 dyes calculated using PBEPBE/6-311++G** in different solvents.