

Supporting information

Bulky BPTPA donor for efficient Iodine-Free Dye-Sensitized Solar Cells:

Facile Synthesis and device performance

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Density functional theory (DFT) calculation at the M06/6-31G* level

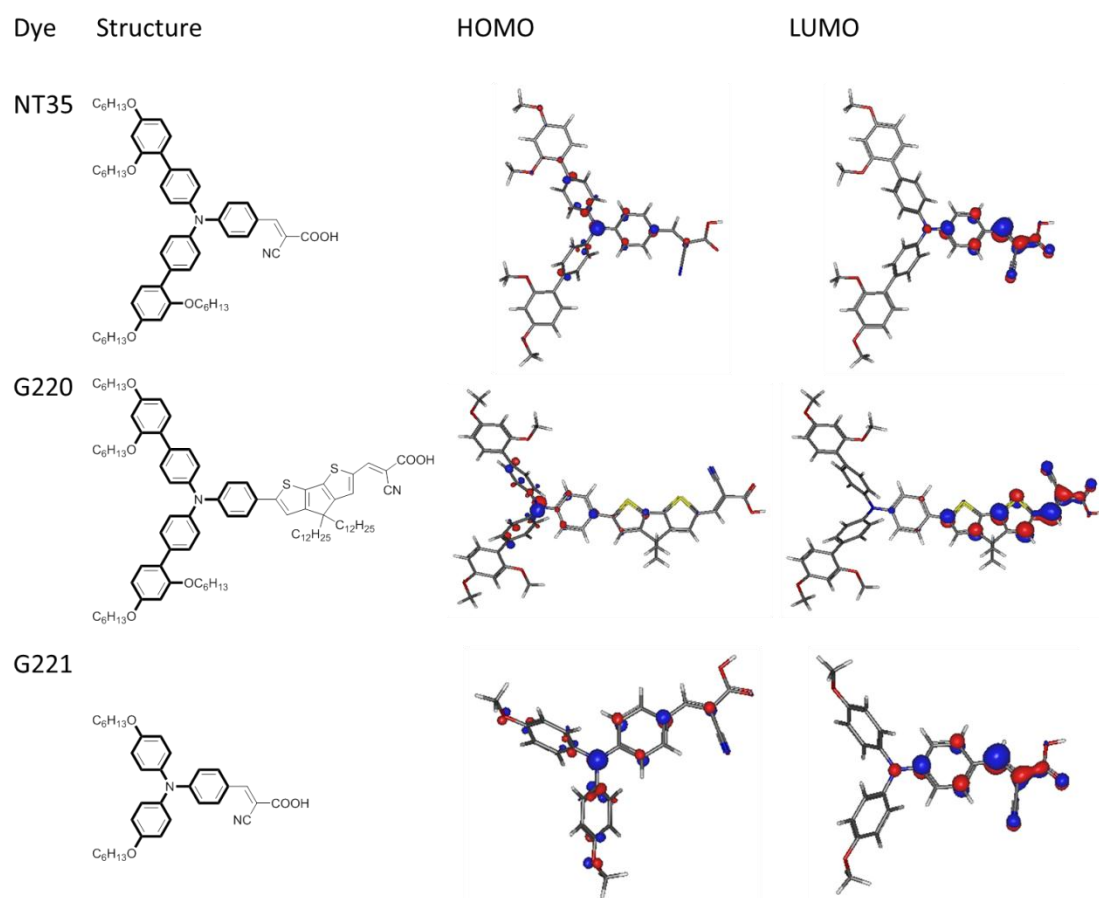


Figure S1. Density functional theory (DFT) at the M06/6-31G* level in an SMD (methylene chloride) solvation model