Impact of Neutral and Anion Anchoring Groups on the Photovoltaic Performance of Triphenylamine Sensitizers for Dye-Sensitized Solar Cells

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Content

1. $^1$H NMR spectrum of neutral and anion TPA3T3A dye.

2. Cyclic voltammogram and schematic energy levels of the neutral and anion TPA3T3A dyes.
Figure S1: $^1$H NMR spectrum of neutral TPA3T3A dye.
Figure S2: $^1$H NMR spectrum of anion TPA3T3A dye.
Figure S3: Cyclic voltammogram of neutral and anion dyes (top); and schematic energy levels of the neutral and anion TPA3T3A compared to the TiO$_2$ conduction band edge and redox potential of the redox couple (bottom).