Supplementary Materials: Effects of Introducing Methoxy Groups into the Ancillary Ligands in Bis(diimine) Copper(I) Dyes for Dye-Sensitized Solar Cells

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Figure S2. 126 MHz ¹³C NMR spectrum of 4 (CDCl^{3*}). Chemical shifts in δ /ppm. See Scheme 1 for labelling.



Figure S4. 126 MHz ¹³C NMR spectrum of [Cu(1)₂][PF₆] (CD₃CN*). Chemical shifts in δ /ppm. See

Scheme 1 for labelling.





Figure S6. 126 MHz ¹³C NMR spectrum of [Cu(**3**)₂][PF₆] (CD₃CN*). Chemical shifts in δ/ppm. Scheme 1 for labelling.









Figure S8. 126 MHz ¹³C NMR spectrum of $[Cu(4)_2][PF_6]$ (CDCl₃*). Chemical shifts in δ /ppm. See Scheme 1 for labelling. See also Figure S9.

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Figure S9. (a) ESI mass spectrum of $[Cu(4)_2][PF_6]$; the base peak arises from the $[M - PF_6]^+$ ion. (b) Calculated isotope pattern for the base peak.