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Supplementary Information

Mo_2C microspheres and nanorods as counter electrode catalysts for iodide-free redox couples in dye-sensitized solar cells

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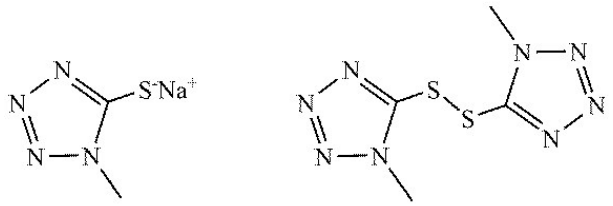

Fig. S1 Molecular structure of redox couple of T_2/T^-

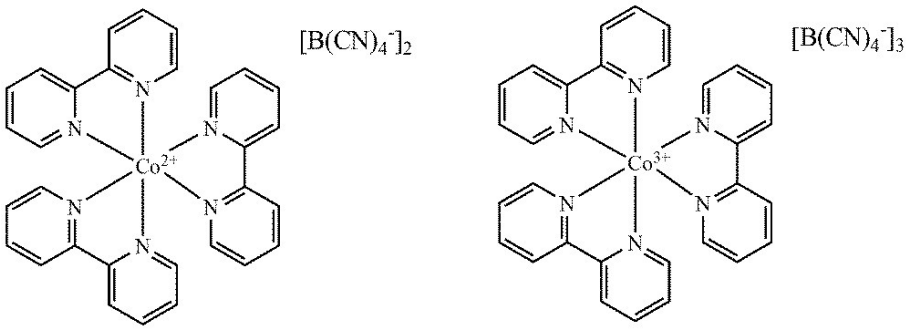

Fig. S2 Molecular structure of redox couple of $Co^{3+/2+}$

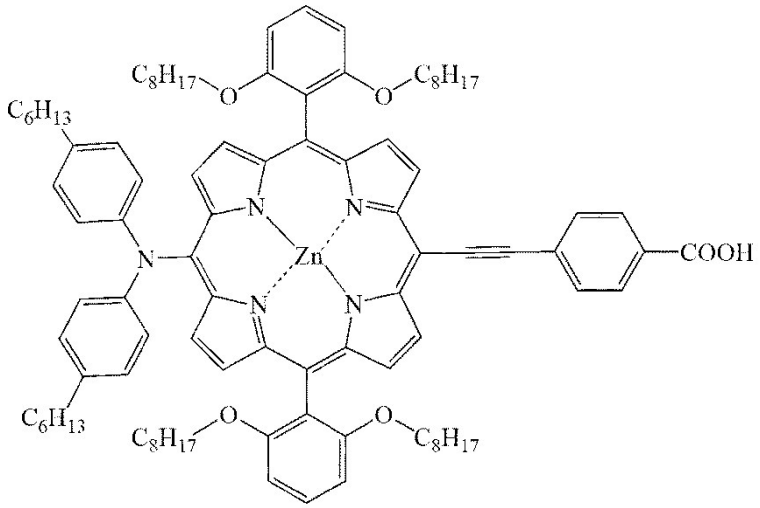

Fig. S3 Molecular structure of YD2-o-C8 dye.

Table S1. Photovoltaic parameters of the T_2/T^- electrolyte based DSSCs using different CEs.

CE	V_{oc}/mV	J_{sc}/mA cm^{-2}	FF	PCE/%
Mo_2C-Ms	691	12.64	0.63	5.50
Mo_2C-Nr	692	11.21	0.58	4.86
Pt	682	12.44	0.44	3.73