Supporting Information

Charge-transfer salts based on Lindqvist and Keggin polyoxoanion acceptors and ferrocenyl cationic donors

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The diffuse reflectance spectra for compounds 3, 4 and corresponding strating materials were performed on Shumazu UV-2550.

Figure S1a. Diffuse reflectance spectra of 3 (black line) dispersed in barium sulfate in comparison with the diffuse reflectance spectra of starting materials, [NBu₄]₂[W₆O₁₉] (red line) and CpFeCpCH₂P(Ph)₃I (green line), respectively.
**Figure S1b.** Diffuse reflectance spectra of 4 (black line) dispersed in barium sulfate in comparison with the diffuse reflectance spectra of starting materials, [NBu₄][PMo₁₂O₄₀] (red line) and CpFeCpCH₂N(CH₃)₂C₂H₅Br (green line), respectively.

The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 1-4 were performed on MicrOTOF-Q II mass spectrometer.

**Figure S2a.** The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 1.
Figure S2b. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 2.

Figure S2c. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 3.

Figure S2d. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 4.