

Supporting Information

Electrochemically Regulated Luminescence of Europium Complex with β -diketone in Polyether Matrices

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Figure Captions

Fig. S1.

Cyclic voltammograms of $\text{Eu}(\text{NO}_3)_3 \cdot 6(\text{H}_2\text{O})$ in DMSO, MeCN, and PC. ($[\text{LiCF}_3\text{SO}_3] = 500 \text{ mM}$, $[\text{Eu}(\text{NO}_3)_3 \cdot 6(\text{H}_2\text{O})] = 10 \text{ mM}$)

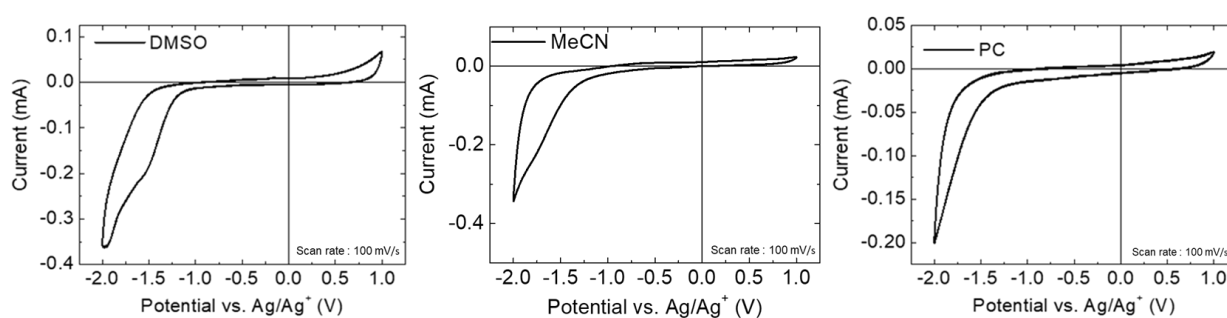


Fig. S2.

Emission spectra of the $\text{Eu}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$ solution (DMSO, MeCN, or PC) in a three-electrode electrochemical cell with/without an applied reduction potential (-1.65 V). Excitation wavelength = 272 nm.

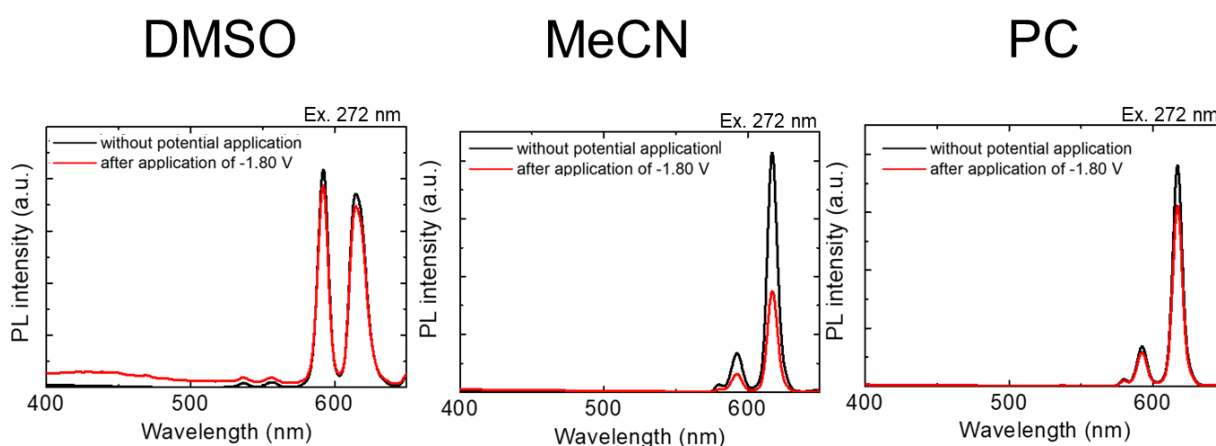


Fig. S3.

Emission spectra of the $\text{Eu}(\text{hfa})_3(\text{H}_2\text{O})_2$ solution (MeCN) in a three-electrode electrochemical cell with/without an applied reduction potential (-1.80 V). Excitation wavelength = 365 nm.

