

Supporting Information for:

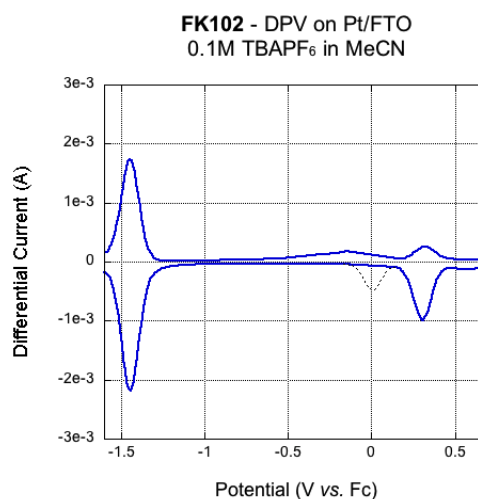
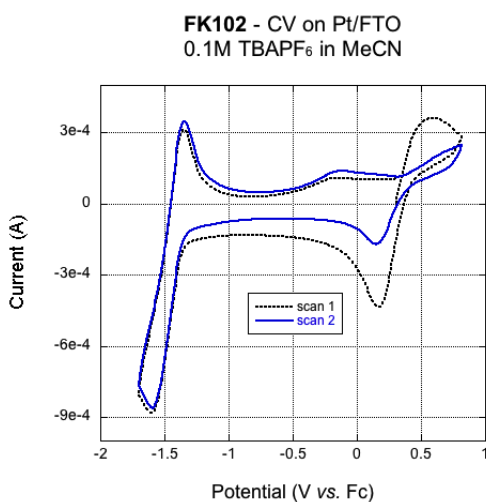
A new generation of Platinum and Iodine free efficient Dye-sensitized solar cells

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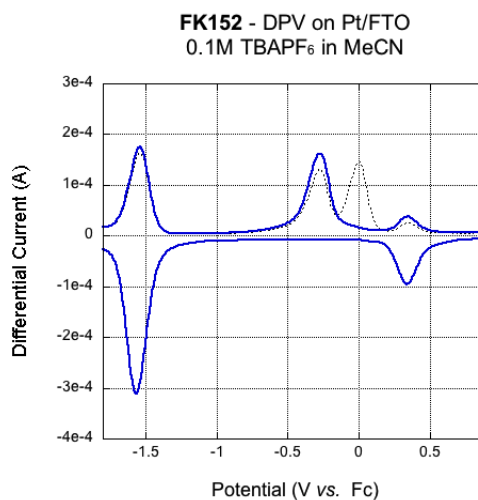
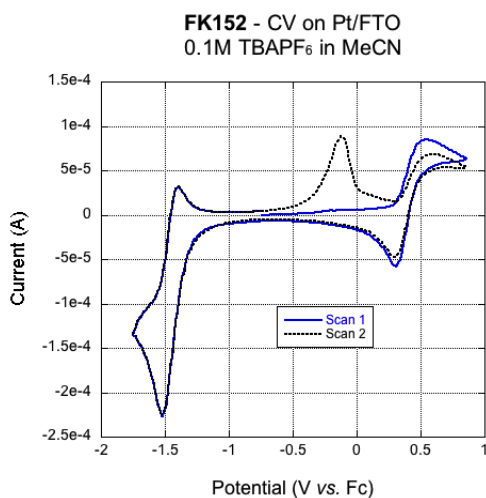
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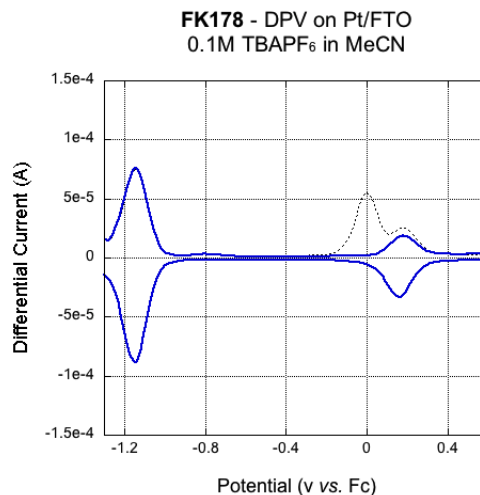
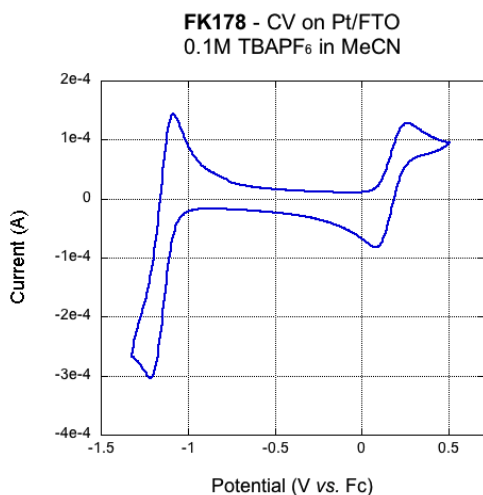
Complex 1a: $E_{\text{ox}} = 0.32\text{V}$ (quasi reversible) – $E_{\text{red}} = -1.45\text{V}$ (quasi reversible)



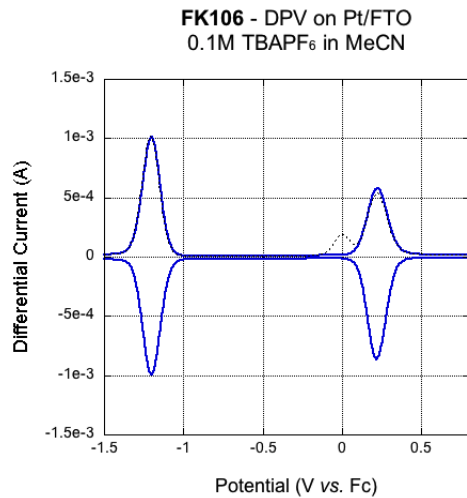
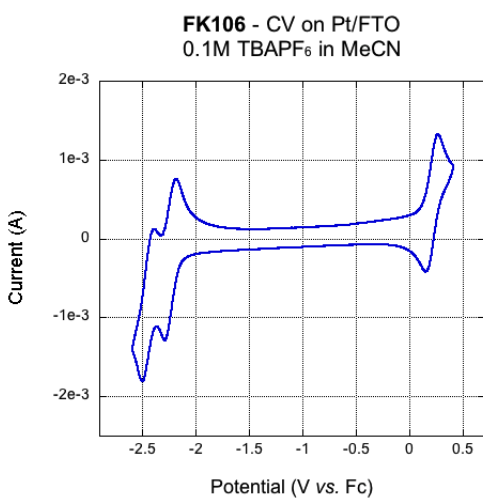
2a: $E_{\text{ox}} = 0.34\text{V}$ (quasi reversible) – $E_{\text{red}} = -1.55\text{V}$ (irreversible)



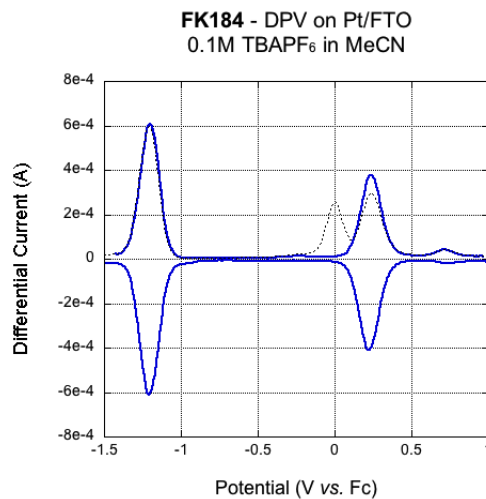
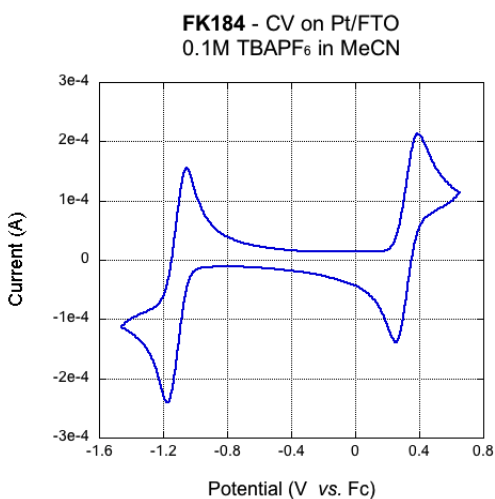
Complex 3a: $E_{\text{ox}} = 0.17\text{V}$ (quasi reversible) – $E_{\text{red}} = -1.15\text{V}$ (quasi reversible)



Complex 4a: $E_{\text{ox}} = 0.22\text{V}$ (quasi reversible) – $E_{\text{red}} = -1.20\text{V}$ (quasi reversible)



Complex 5a: $E_{\text{ox}} = 0.23\text{V}$ (quasi reversible) – $E_{\text{red}} = -1.20\text{V}$ (quasi reversible)



Complex 6a: $E_{\text{ox}} = 0.24\text{V}$ (quasireversible) – $E_{\text{red}} = -1.20\text{V}$ (quasireversible)

