

Making Syngas Electrocatalytically by a Polypyridyl Ruthenium Catalyst

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Supporting Information

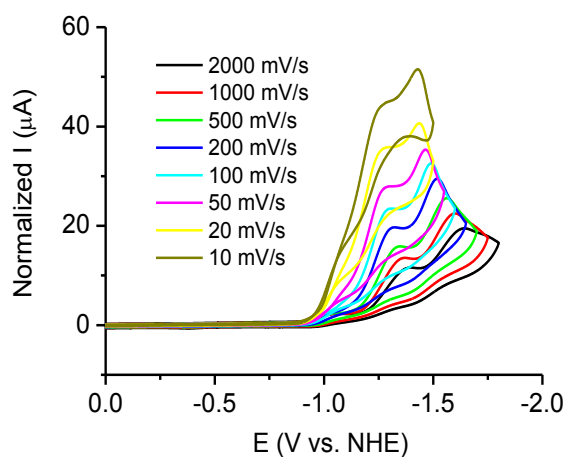


Figure S1. Scan rate normalized cyclic voltammograms ($i/v^{1/2}$) of 1 mM **1** in 0.1 M $n\text{Bu}_4\text{NPF}_6/\text{CH}_3\text{CN}$ with added 10% H_2O under CO_2 at different scan rates. Electrode, glassy carbon.

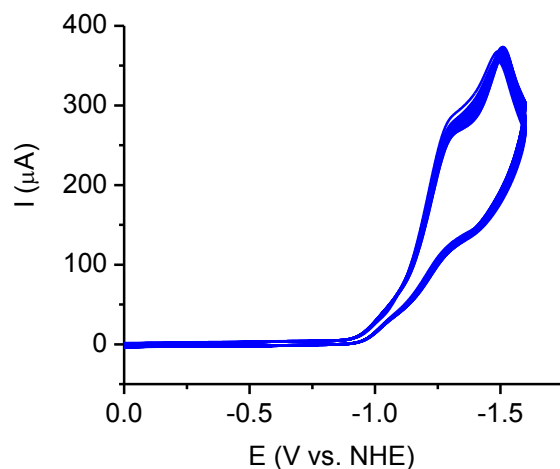


Figure S2. Successive cyclic voltammograms (25 cycles) of 1 mM **1** in 0.1 M $n\text{Bu}_4\text{NPF}_6/\text{CH}_3\text{CN}$ with added 10% H_2O under CO_2 . Electrode, glassy carbon; scan rate, 100 mV/s.

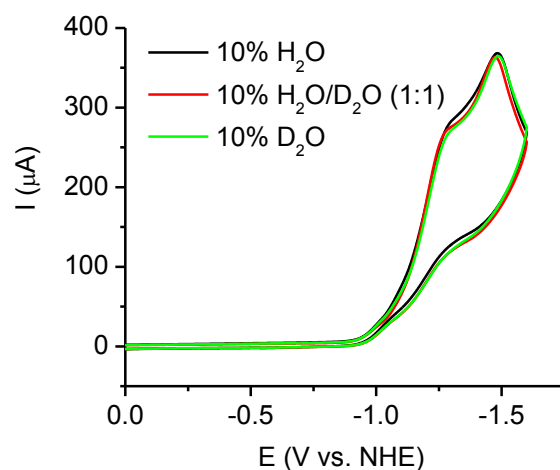


Figure S3. Cyclic voltammograms of 1 mM **1** in 0.1 M $n\text{Bu}_4\text{NPF}_6/\text{CH}_3\text{CN}$ under CO_2 with added 10% H_2O (black line), 10% $\text{H}_2\text{O}/\text{D}_2\text{O}$ (1:1) (red line), and 10% D_2O (green line). Electrode, glassy carbon; scan rate, 100 mV/s.