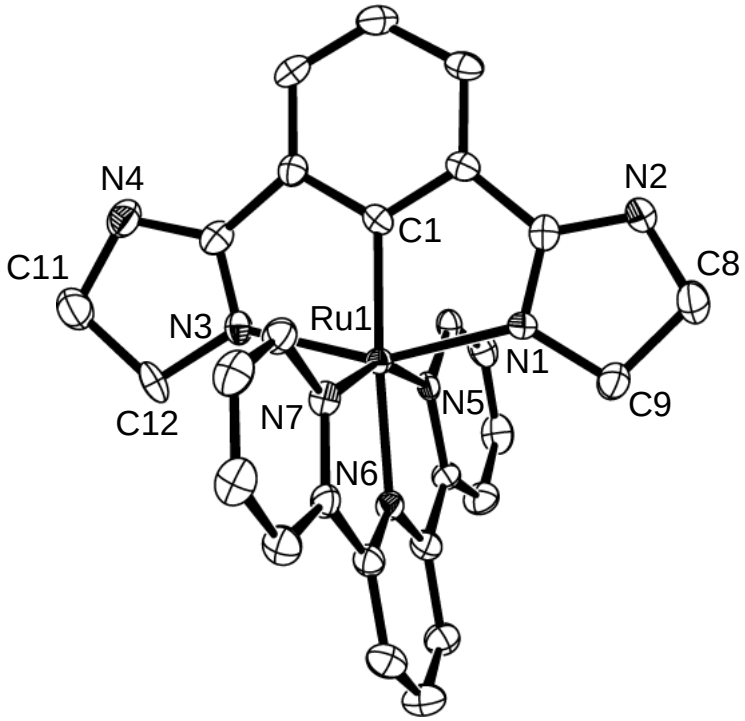

Figure 1. S. Maeda *et al*.

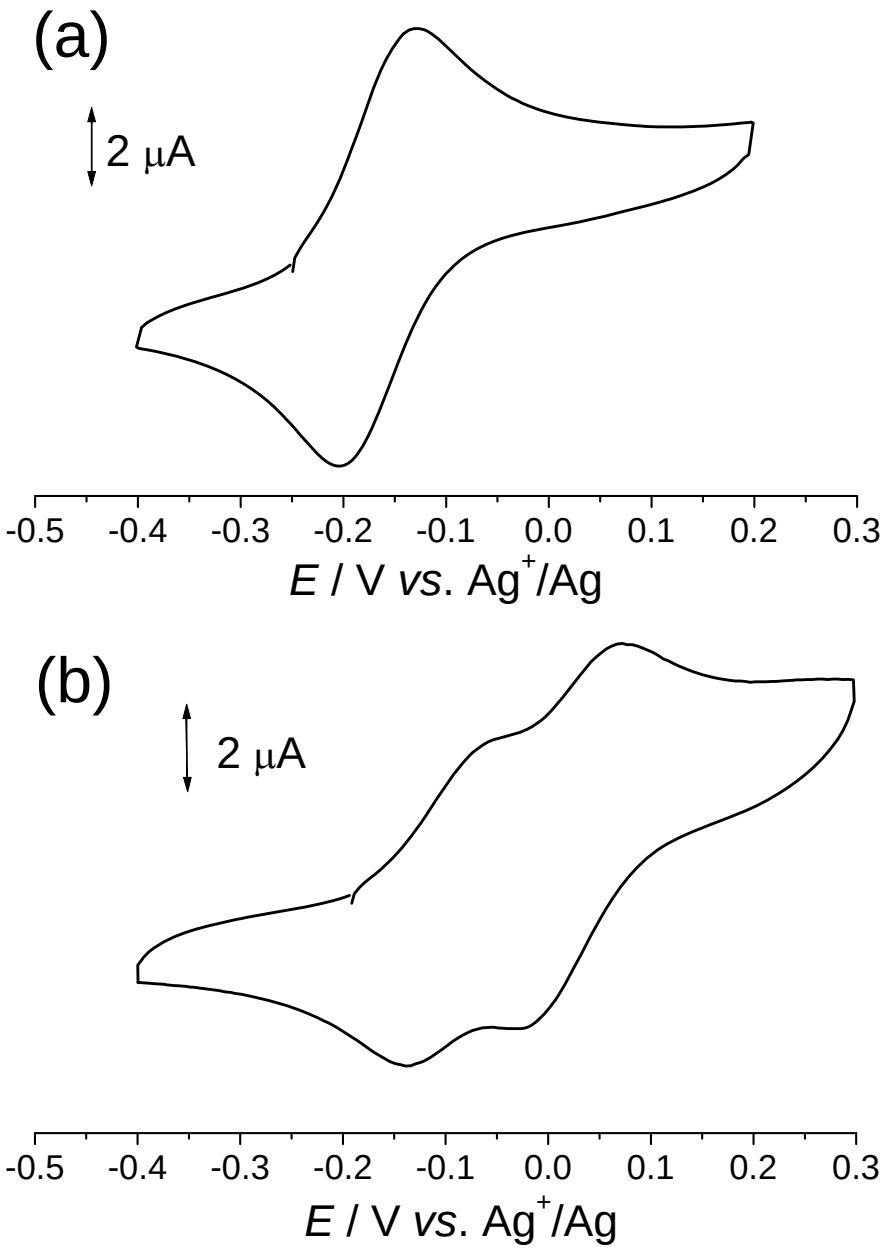

Figure 2. S. Maeda *et al*.

Supplementary material:

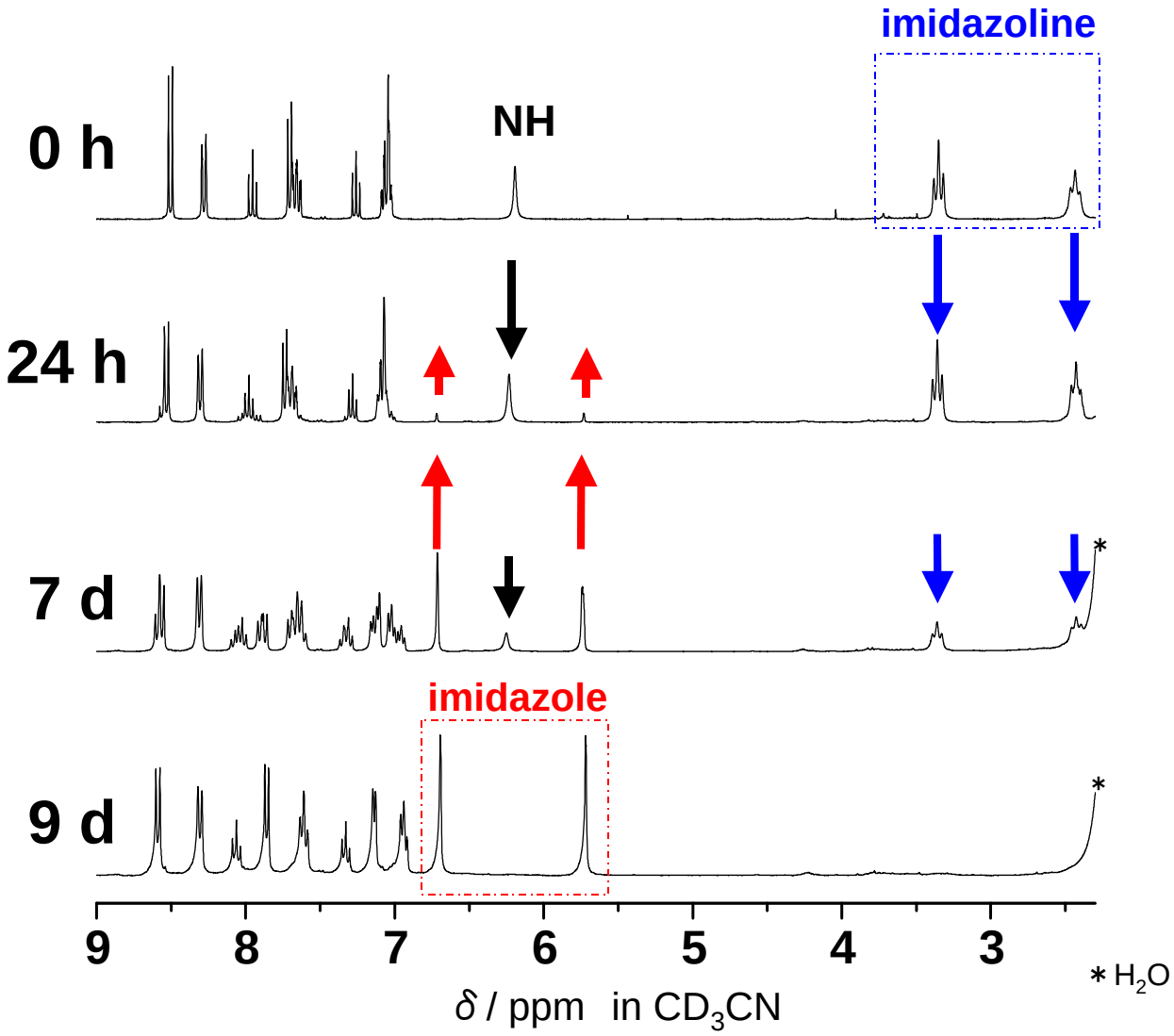

Figure S1 Time course of ^{1}H NMR spectrum of **1** in CD_3CN at 70 °C in air. A peak marked with an asterisk * is due to solvated water.

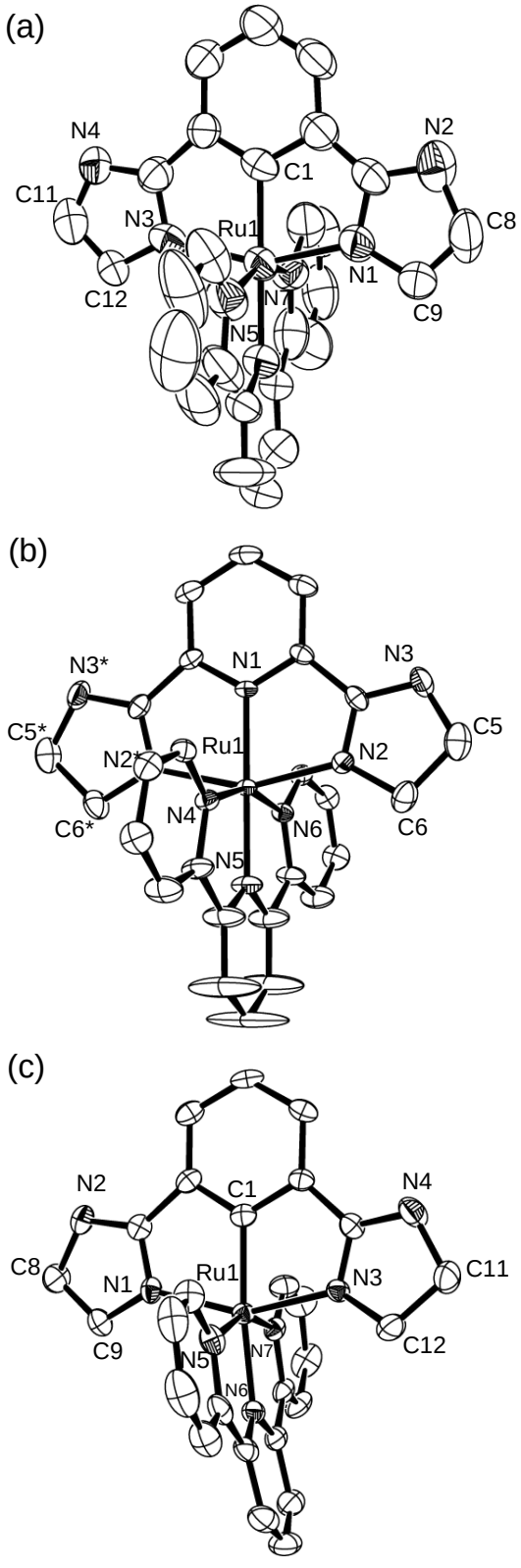

Figure S2 X-ray crystal structures of (a) **2** (b) **3**, and (c) **5** with thermal ellipsoids drawn at the 50% probability level. One of the two crystallographically independent molecules of **2** and one of the two crystallographically independent molecules of **5** are shown. Hydrogen atoms and PF_6^- anions and solvated

ether molecules are omitted for simplicity.

Selected bond lengths (Å) and angles (deg):

(a) Ru1-C1, 2.008(6); Ru1-N1, 2.100(7); Ru1-N3, 2.084(7); Ru1-N5, 2.071(7); Ru1-N6, 1.998(7); Ru1-N7, 2.067(6); C8-C9, 1.320(13); C11-C12, 1.357(12); N1-Ru1-N3, 155.2(2); N5-Ru1-N7, 155.5(2); N6-Ru1-C1, 179.1(3).

(b) Ru1-N1, 2.004(3); Ru1-N2, 2.070(3); Ru1-N4, 2.070(2); Ru1-N5, 1.972(4); C5-C6, 1.512(7); N2-Ru1-N2*, 155.23(11); N4-Ru1-N4*, 158.11(11); N1-Ru1-N5, 0.0.

(c) Ru1-C1, 1.988(4); Ru1-N1, 2.099(3); Ru1-N3, 2.084(2); Ru1-N5, 2.068(3); Ru1-N6, 2.009(3); Ru1-N7, 2.055(2); C8-C9, 1.376(7); C11-C12, 1.468(7); N1-Ru1-N3, 154.18(12); N5-Ru1-N7, 156.53(13); N6-Ru1-C1, 174.24(13).

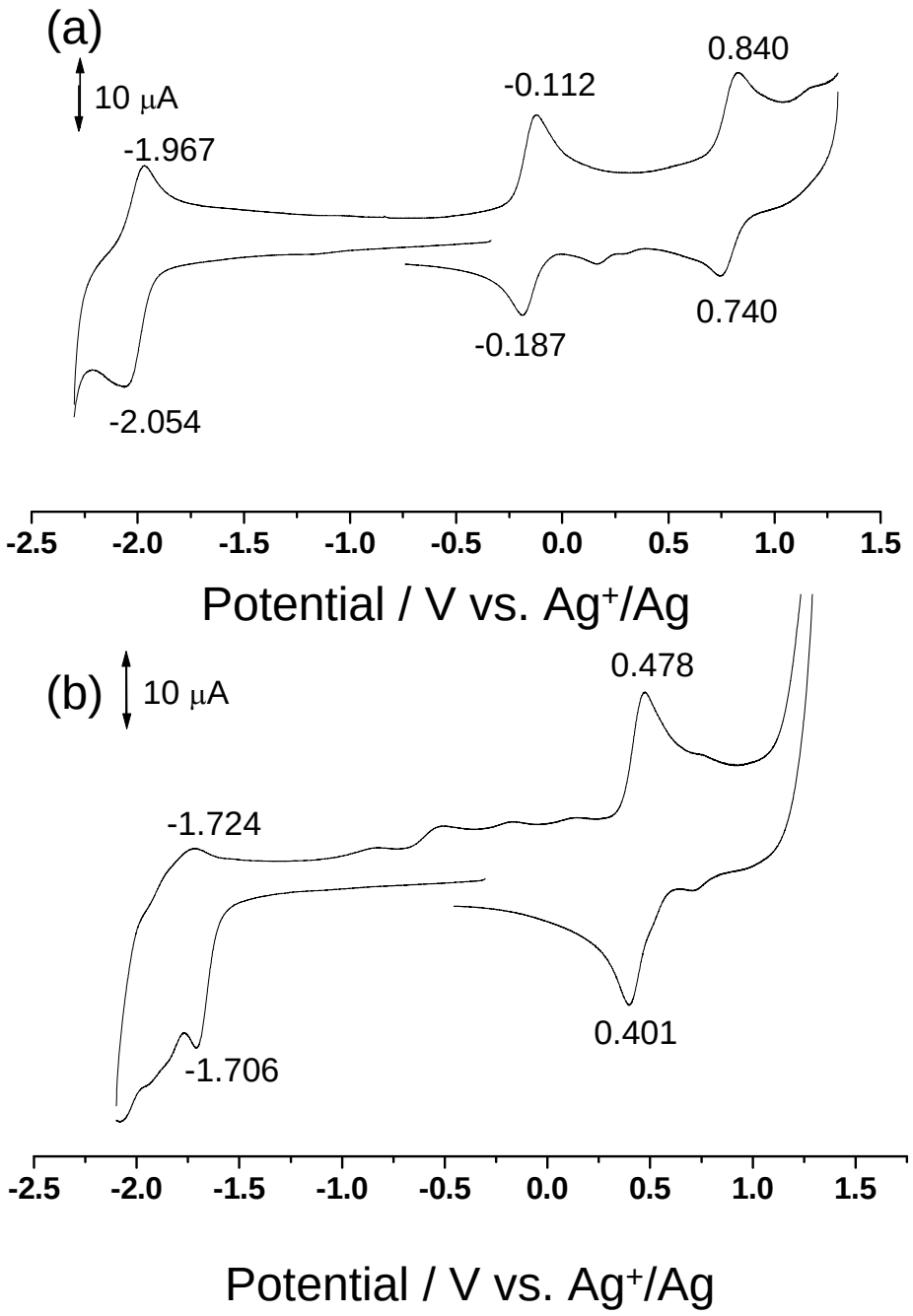

Figure S3 Cyclic voltammograms of (a) **1** and (b) **3** (1.0 mM) in CH_3CN containing $[(n\text{-}Bu)_4N][PF_6]$ (0.1 M) under N_2. Sweep rate = 50 mV s^{-1}.