

## Supporting Information

### **Novel ruthenium-terpyridyl complex for direct oxidation of amines to nitriles**

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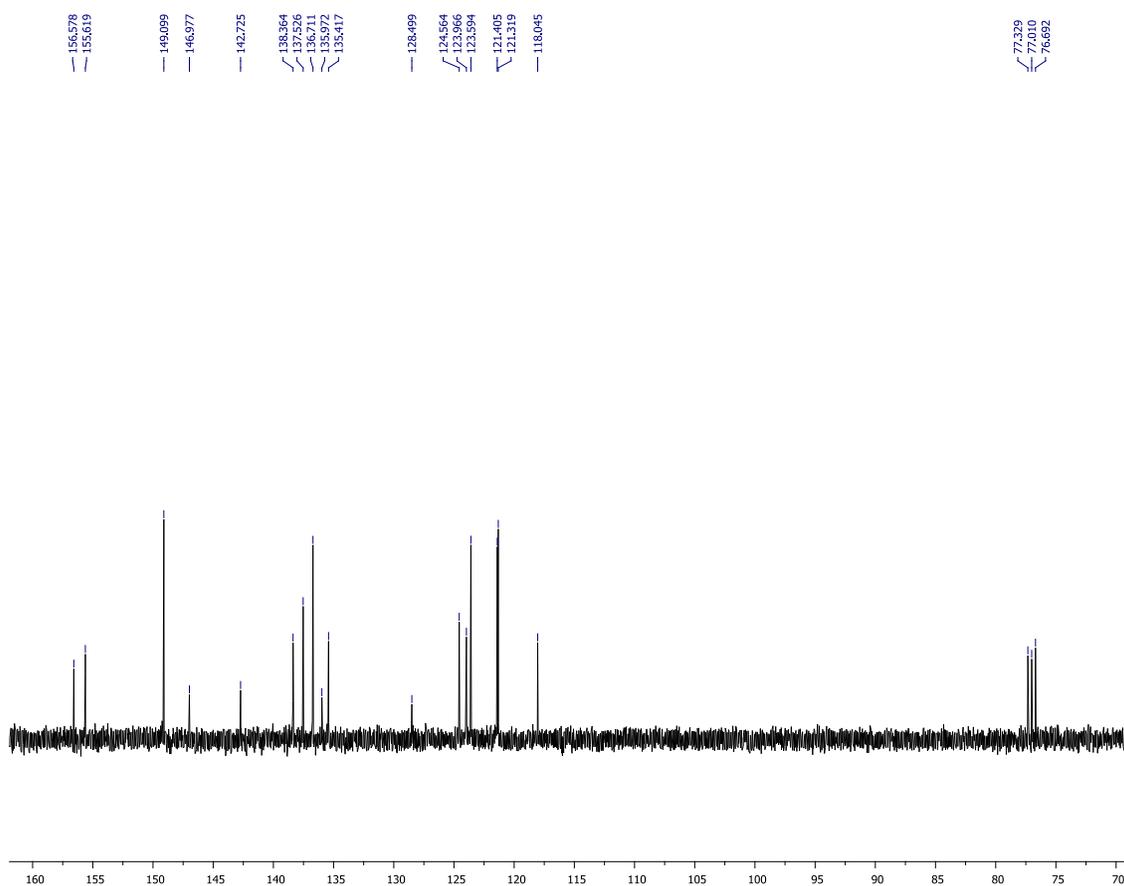


Figure 1S.  $^{13}\text{C}$  NMR spectrum of the terpyridyl ligand



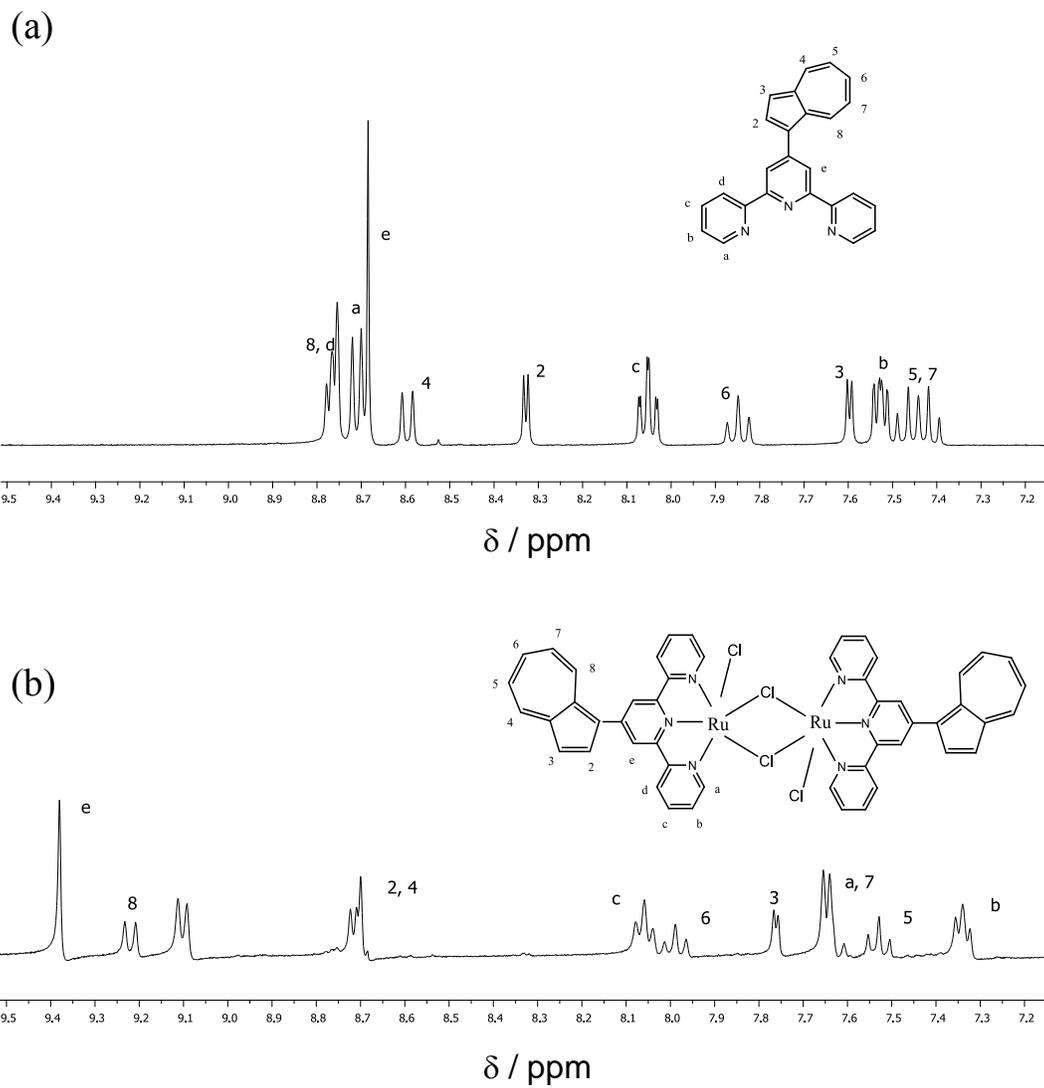


Figure 2S.  $^1\text{H-NMR}$  spectra of the terpyridyl ligand (a) and of the ruthenium-terpyridyl complex (b).

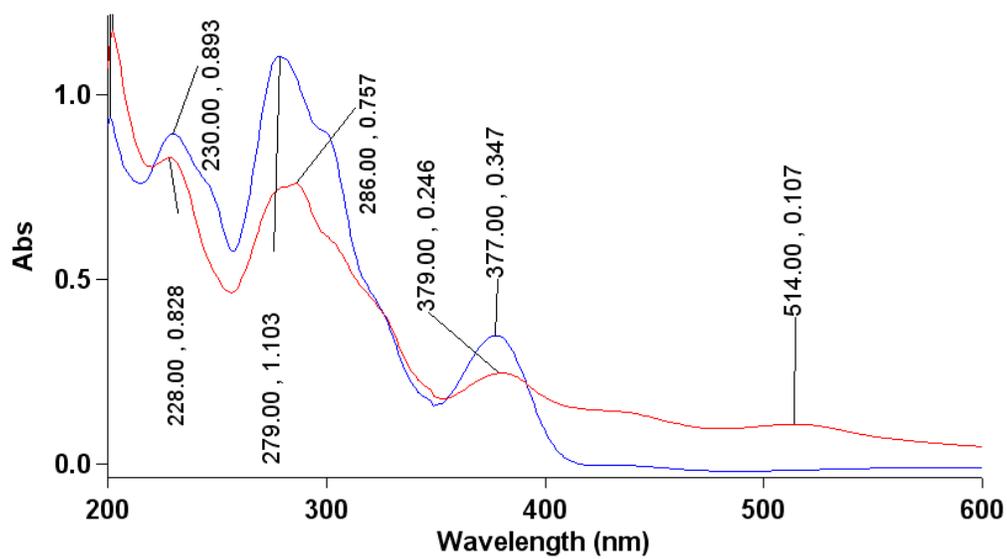


Figure 3S. Comparative DR-UV-Vis spectra of the terpyridyl ligand (blue) and Ru-terpyridyl complex (red)