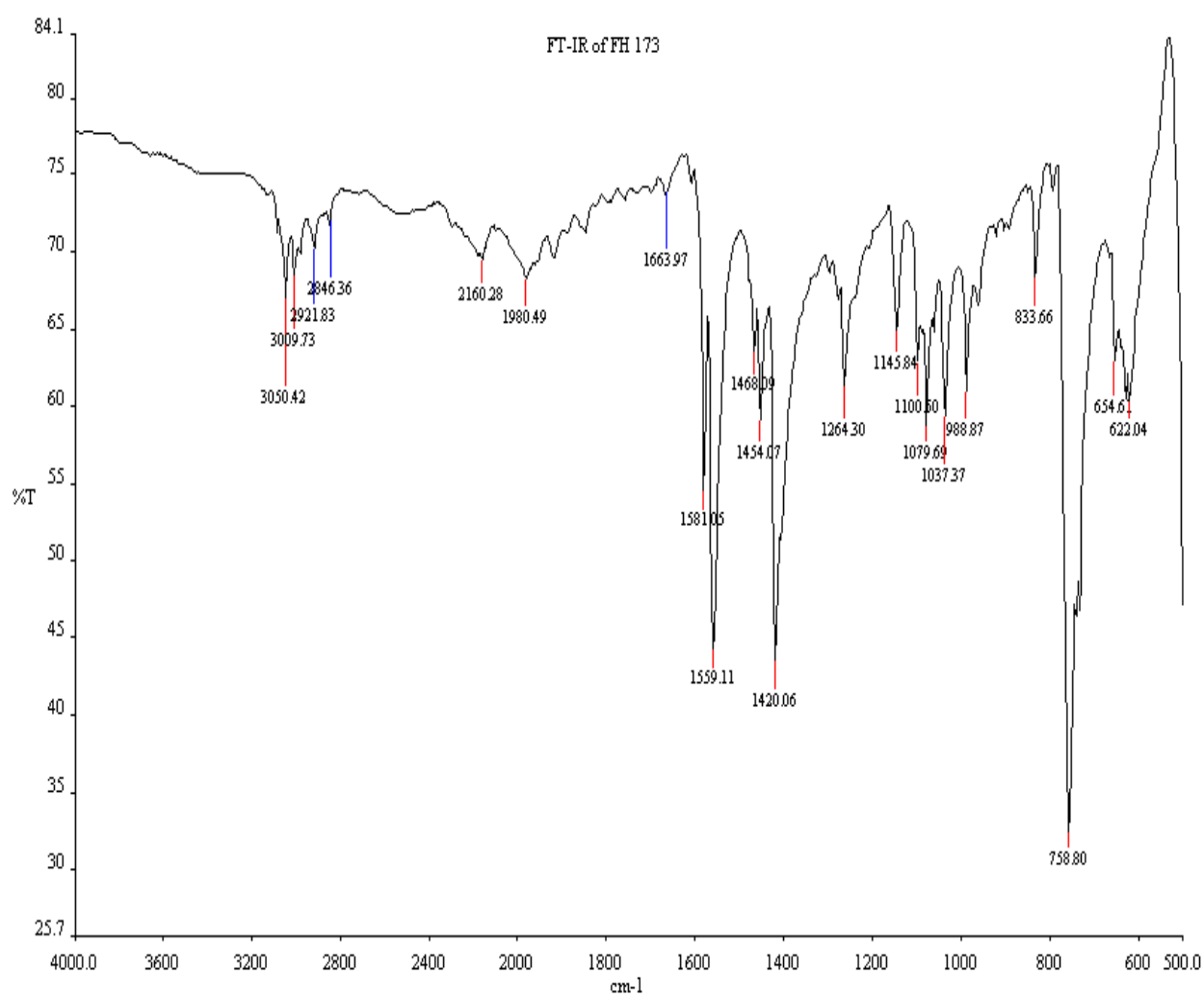
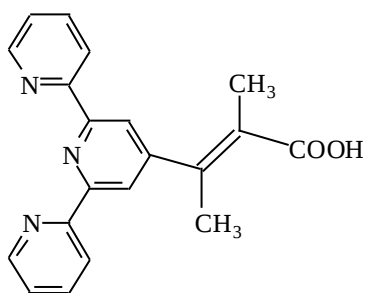
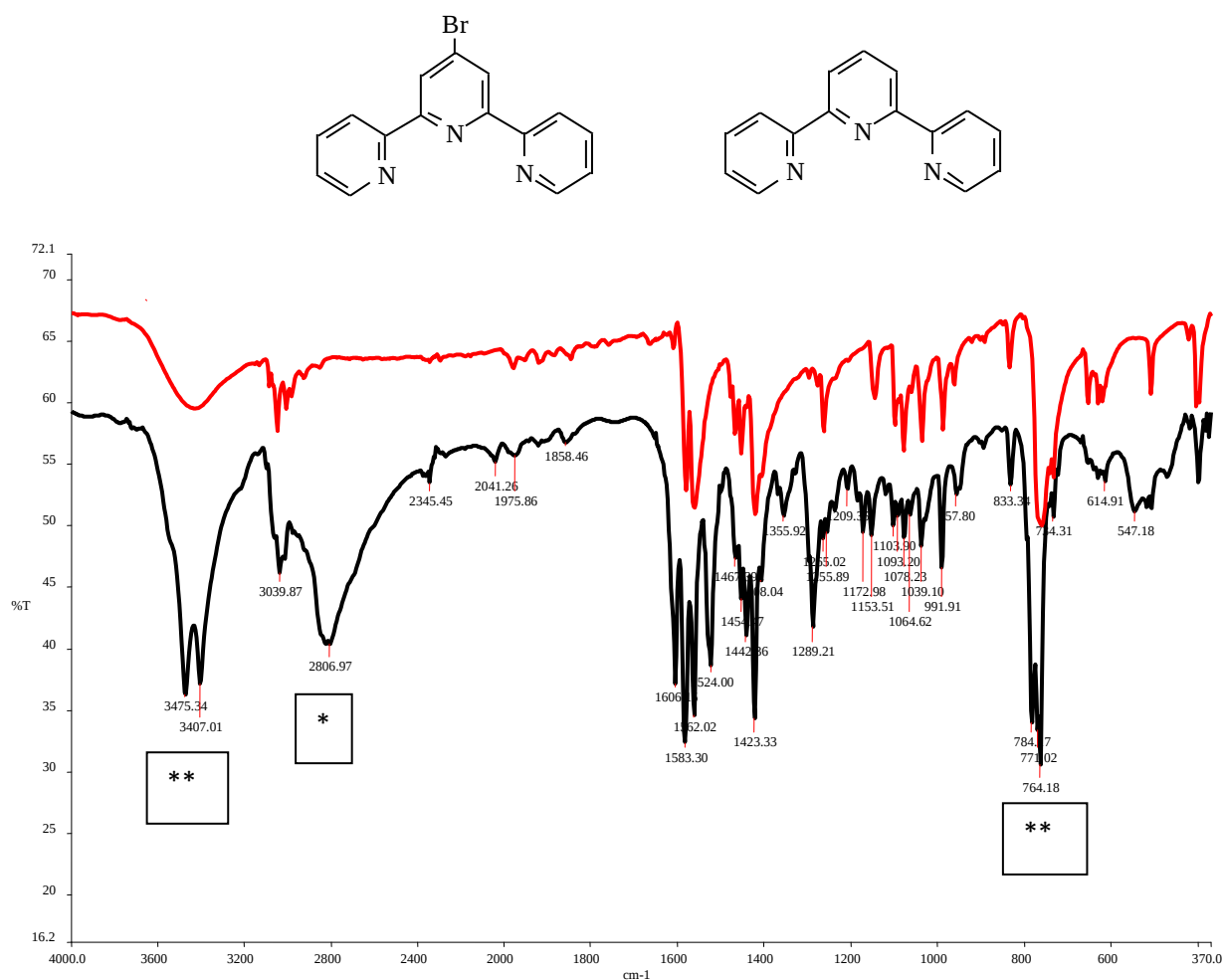


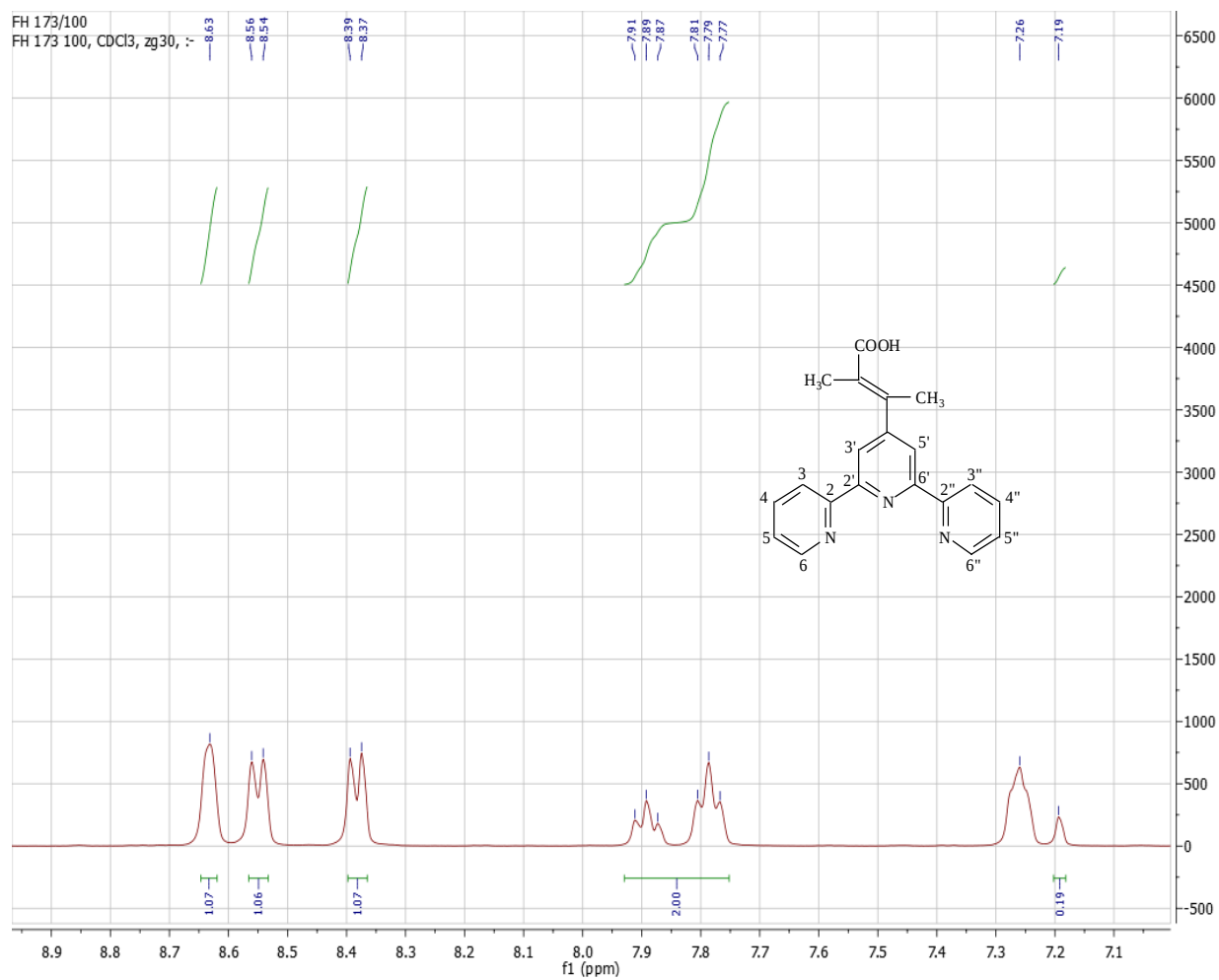
Supplementary Information

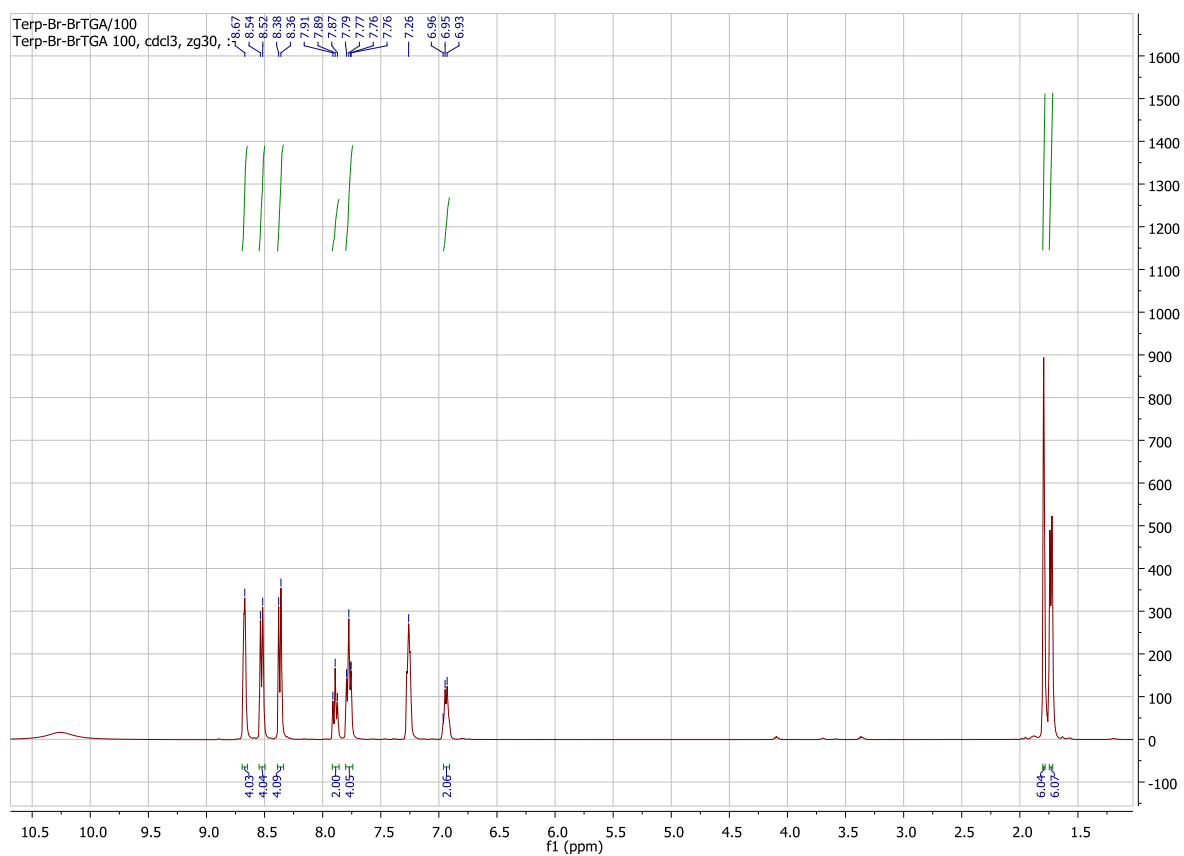
Supplementary 1. Structure and FT-IR spectrum of Ligand L1.

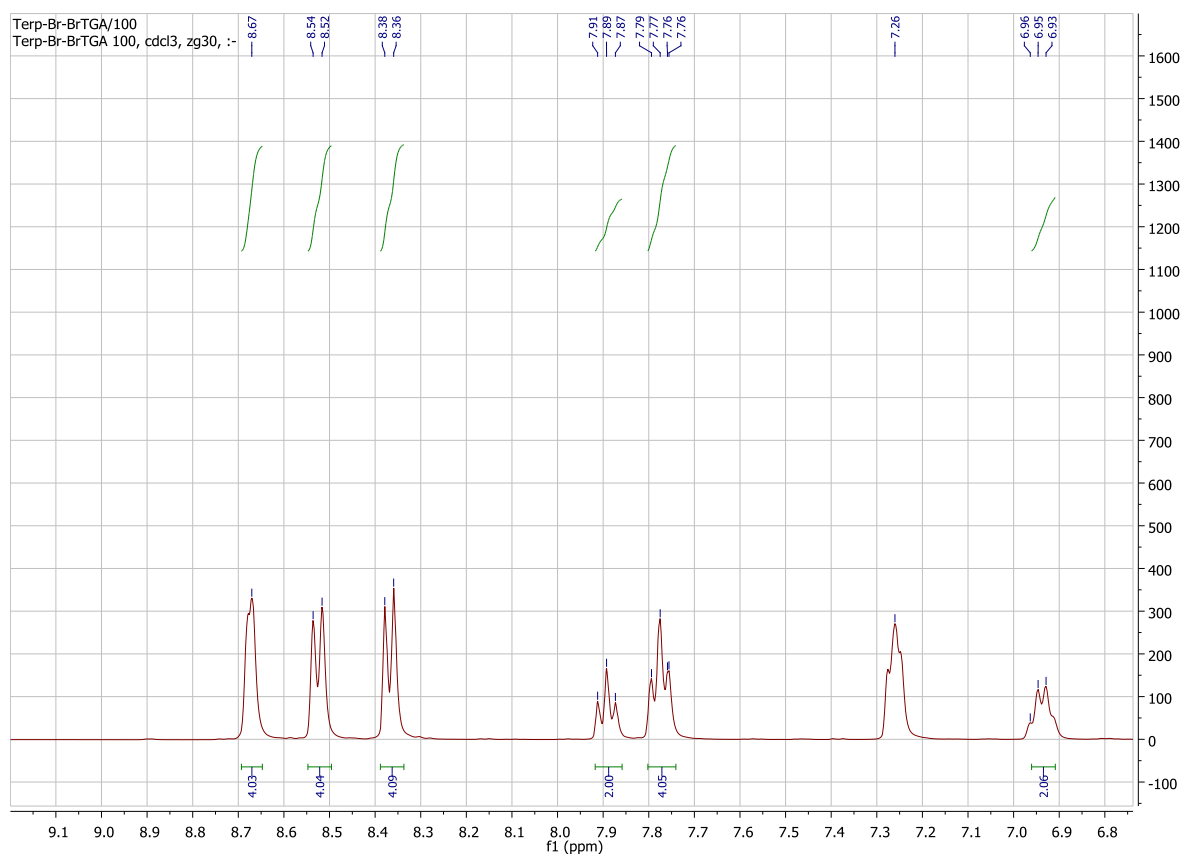


Supplementary 2. Structure and FT-IR spectra of unsubstituted terpyridine (red); compared to 4'-bromoterpyridine (black).



Supplementary 3. Aromatic region of ¹H NMR spectrum of Ligand L1.

Supplementary 4. ^1H NMR spectrum of Complex $[\text{Ru}(\text{L1})_2(\text{PF}_6)_2]$.

Supplementary 5. Aromatic region of ^1H NMR spectrum of $[\text{Ru}(\text{L12})(\text{PF}_6)_2]$.

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