Supplementary Materials

Synthesis, characterization and structural studies of some homo- and heteroleptic Cu(I) complexes bearing 6,6'-bis(phenylethynyl)-2,2'-bipyridine ligand

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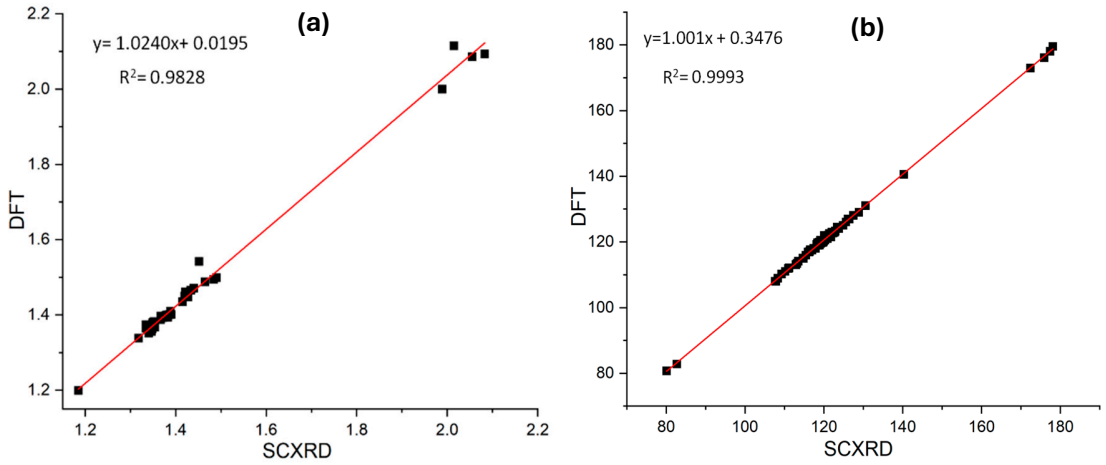


Figure S1: Correlation diagram for bond distance (**a**) and angles (**b**) in the heteroleptic complex (**2**).

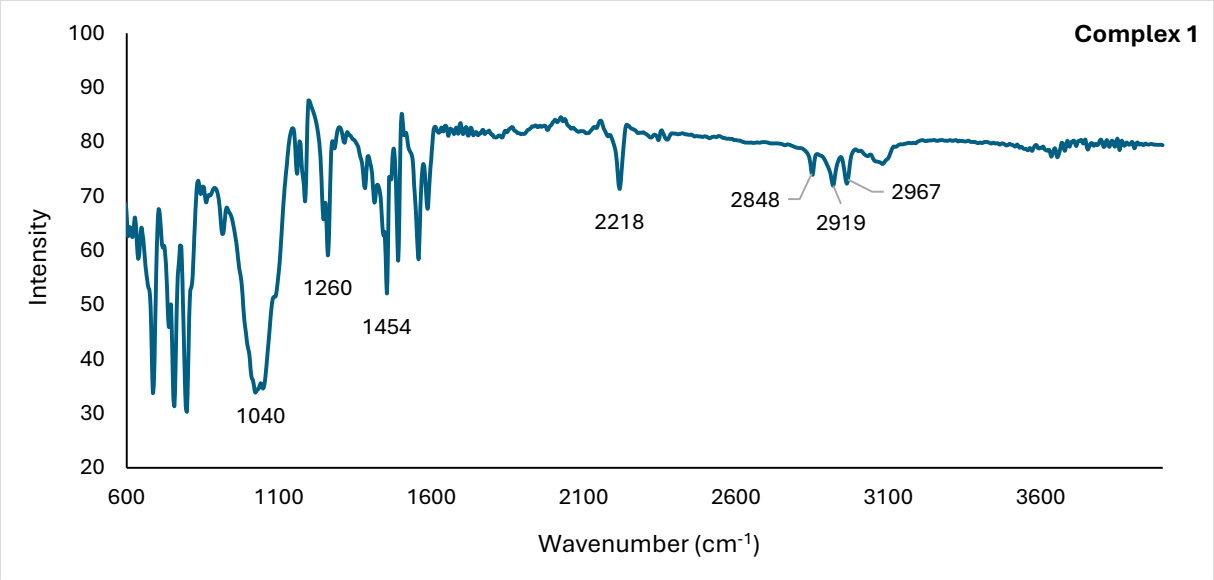


Figure S2: FT-IR of complex 1

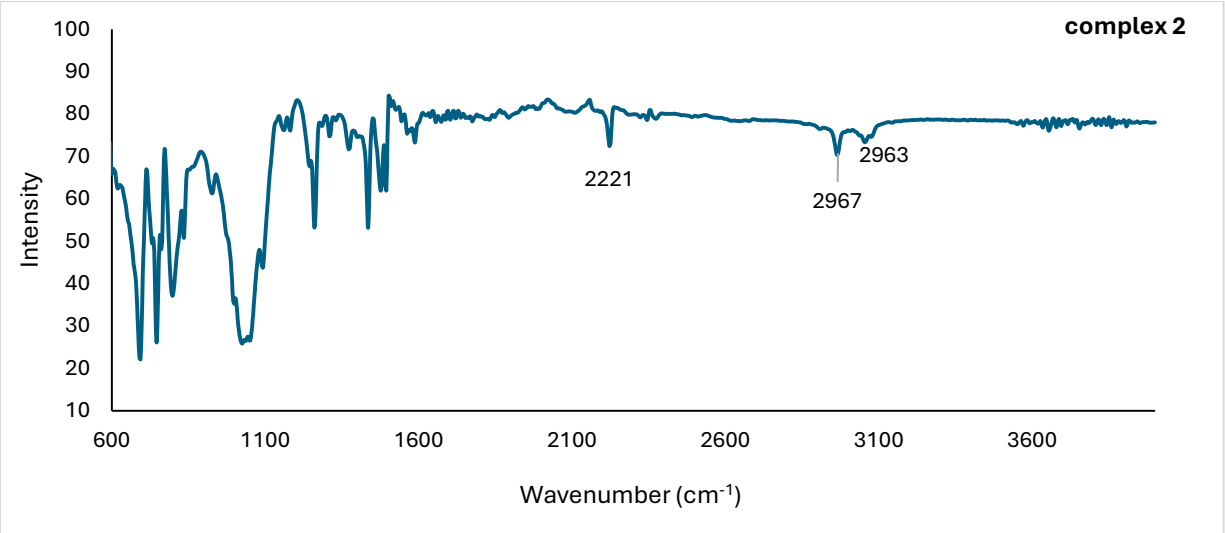


Figure S3: FT-IR of complex 2

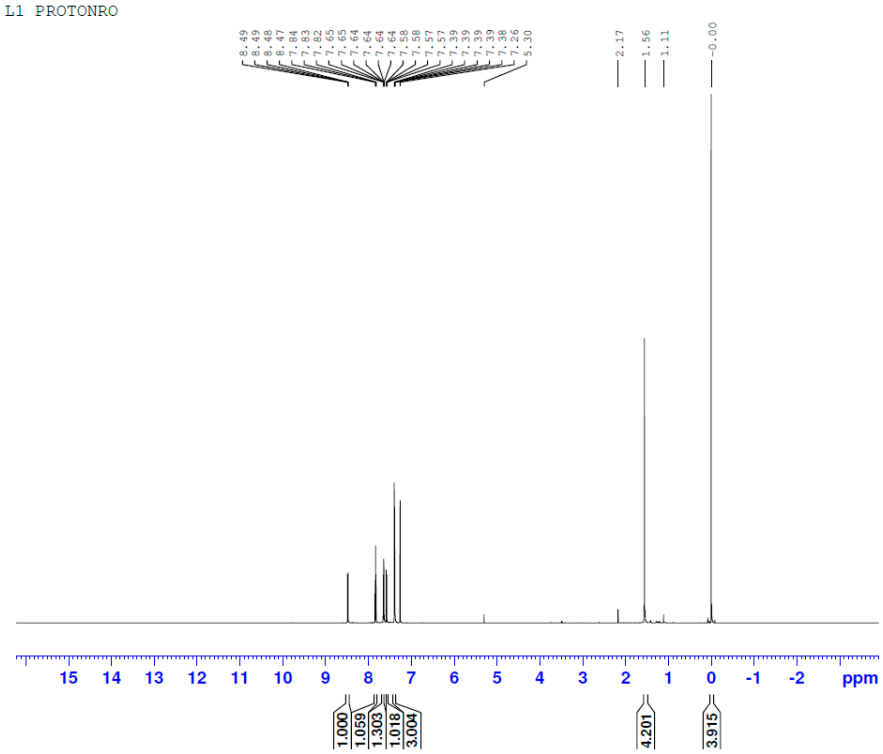


Figure S4: ^{1}H-NMR of L1

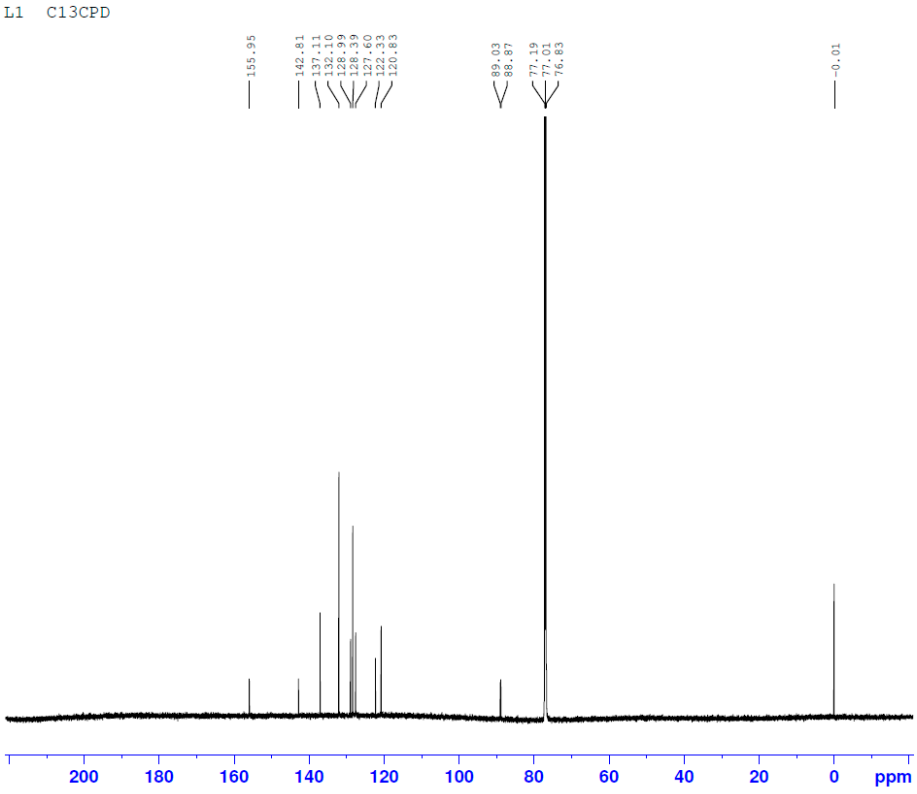


Figure S5: ^{13}C-NMR of L1

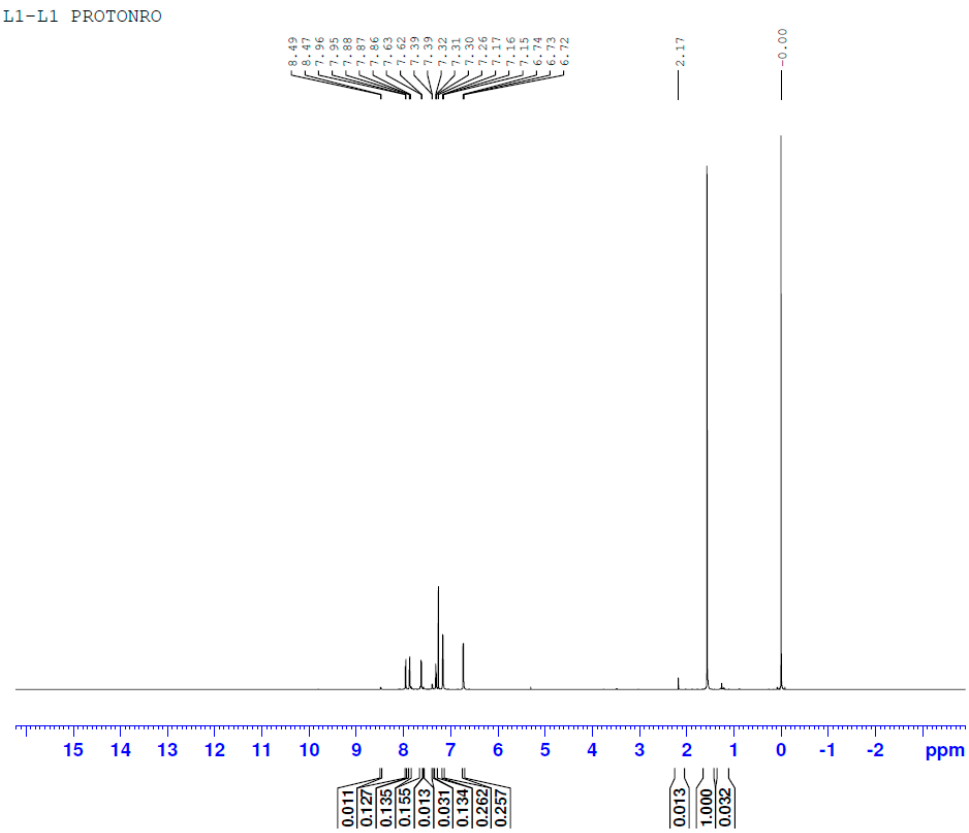


Figure S6: ^{1}H-NMR of complex 1

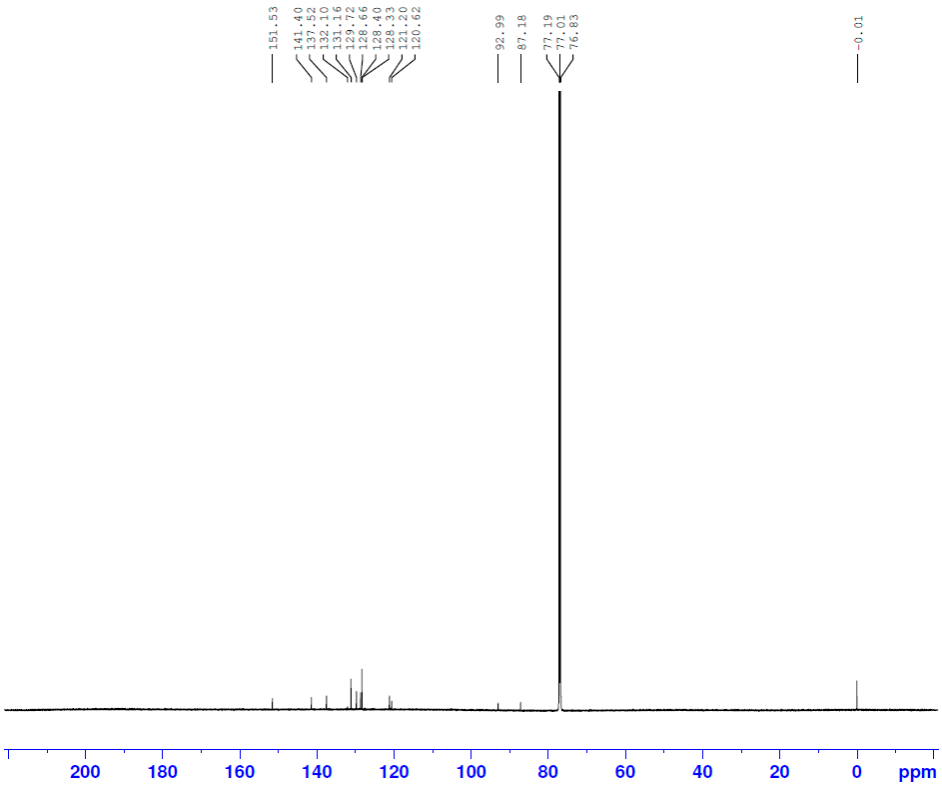


Figure S7: ^{13}C-NMR of complex 1

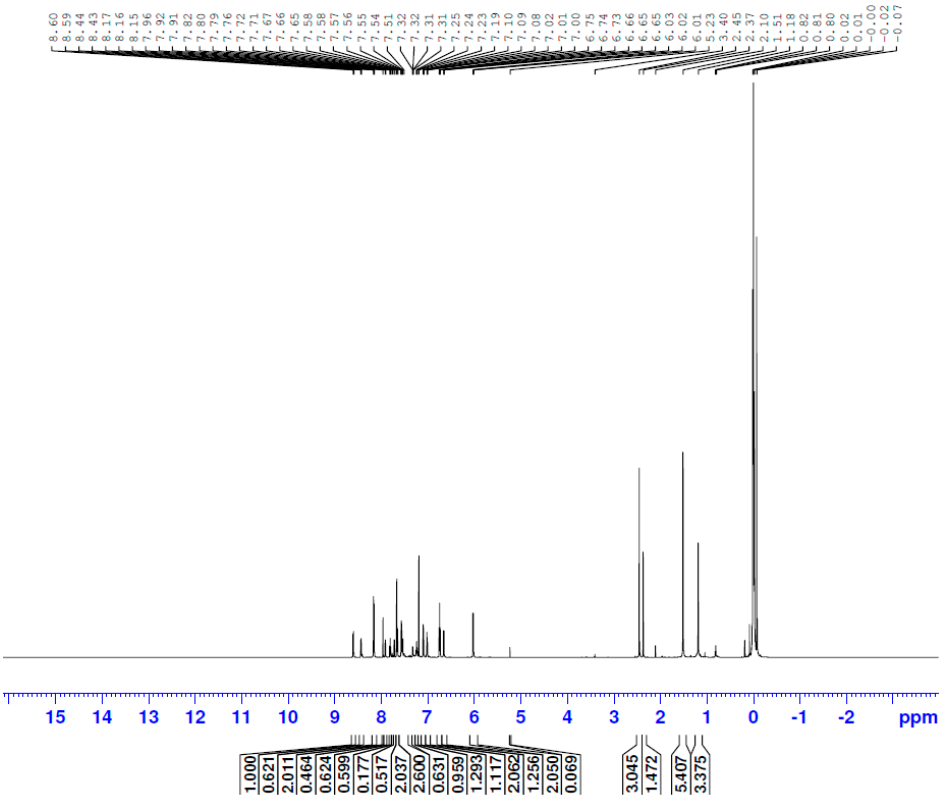


Figure S8: ^{1}H-NMR complex 2

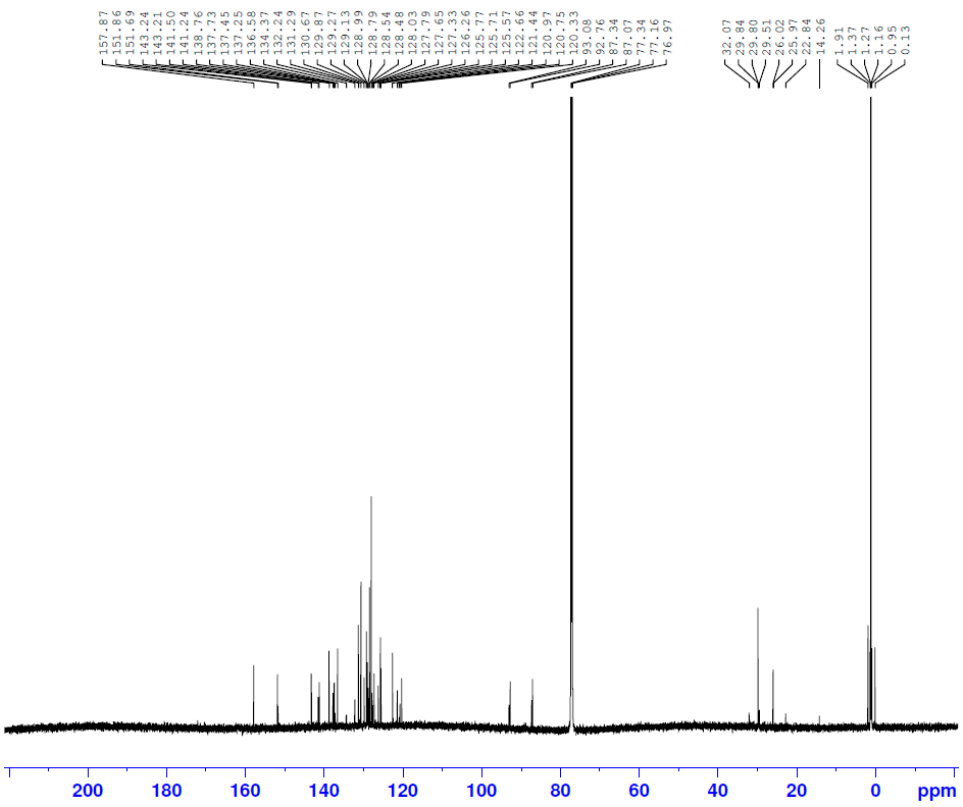


Figure S9: ^{13}C-NMR of complex 2