

Supporting Information

for

C-nitrosation of a β -diketimininate ligand in copper(II) complex

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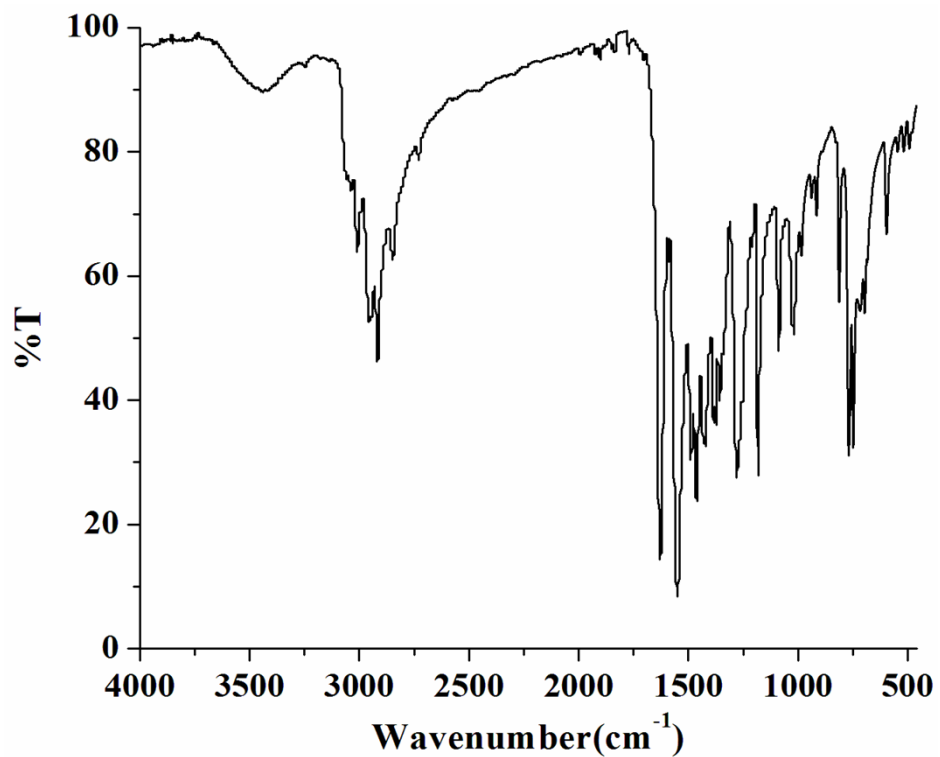


Figure S1: FT-IR spectrum of ligand L in KBr pellet.

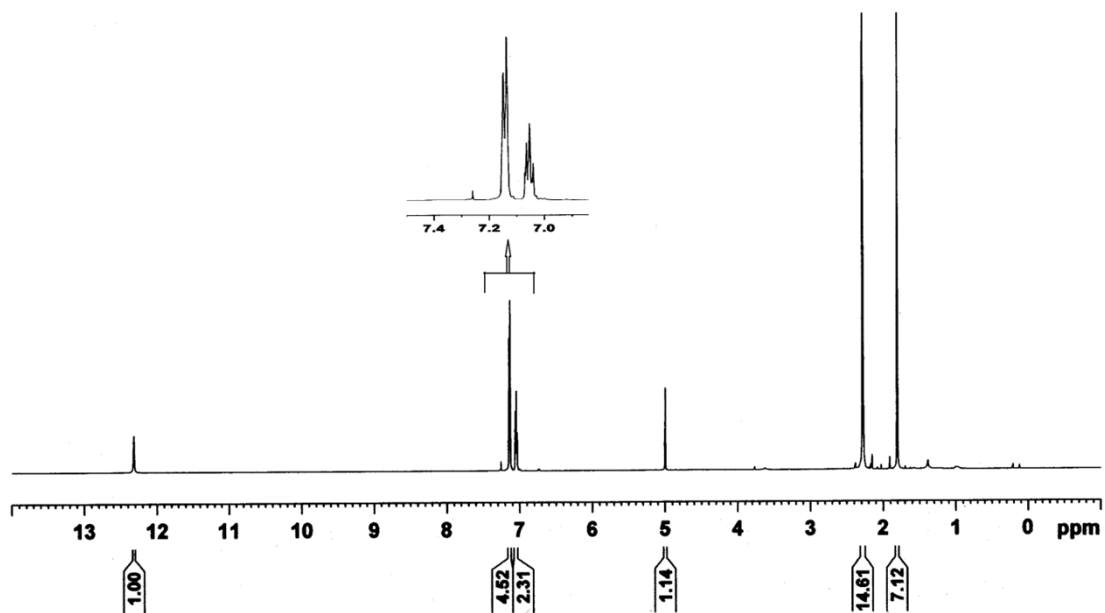


Figure S2: ¹H-NMR spectrum of ligand L in CDCl₃.

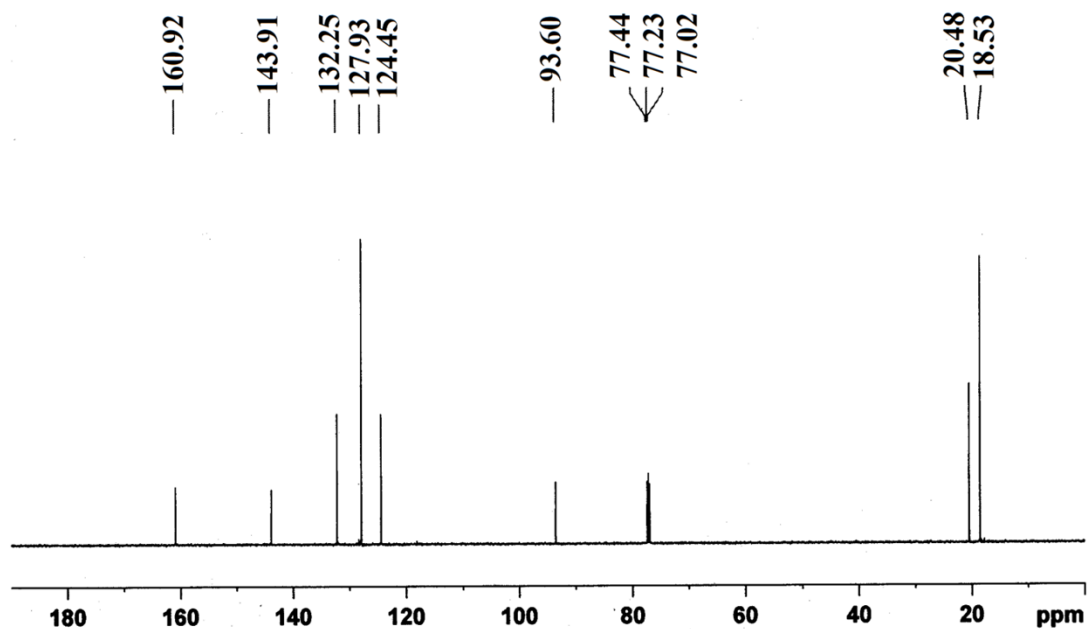


Figure S3: ^{13}C -NMR spectrum of ligand L in CDCl_3 .

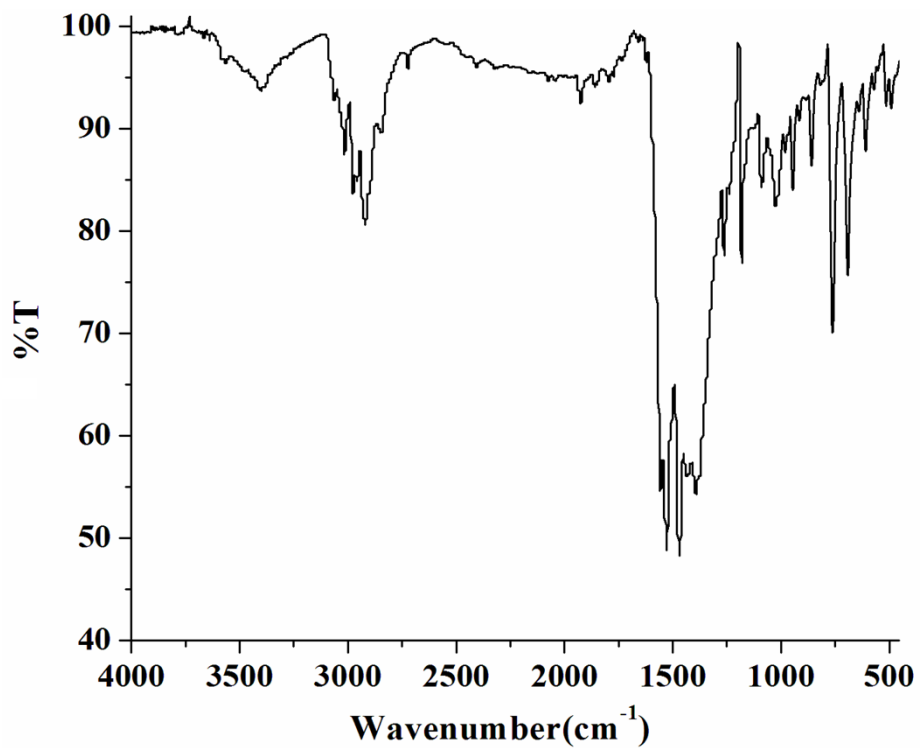


Figure S4: FT-IR spectrum of complex 1 in KBr pellet.

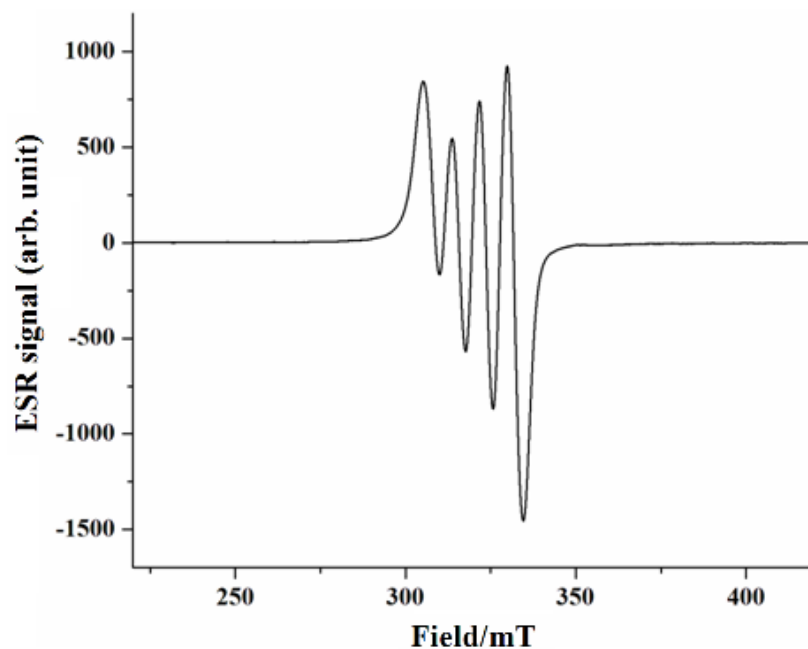


Figure S5: X-band ESR spectrum of complex **1** in acetonitrile at room temperature.

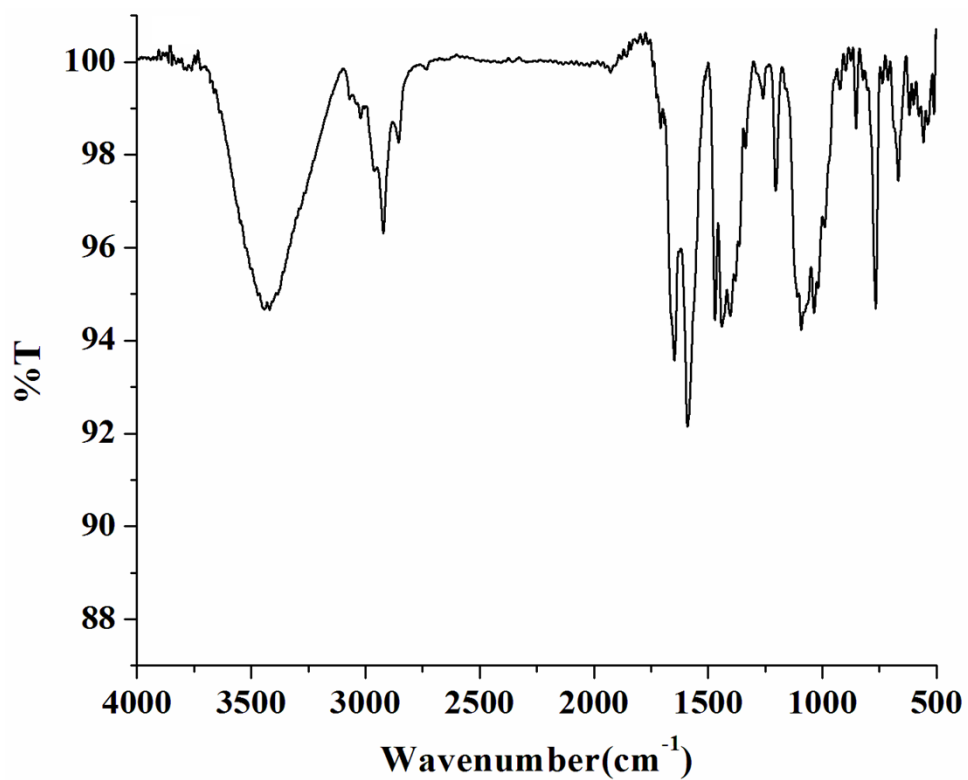


Figure S7: FT-IR spectrum of complex **2** in KBr pellet.

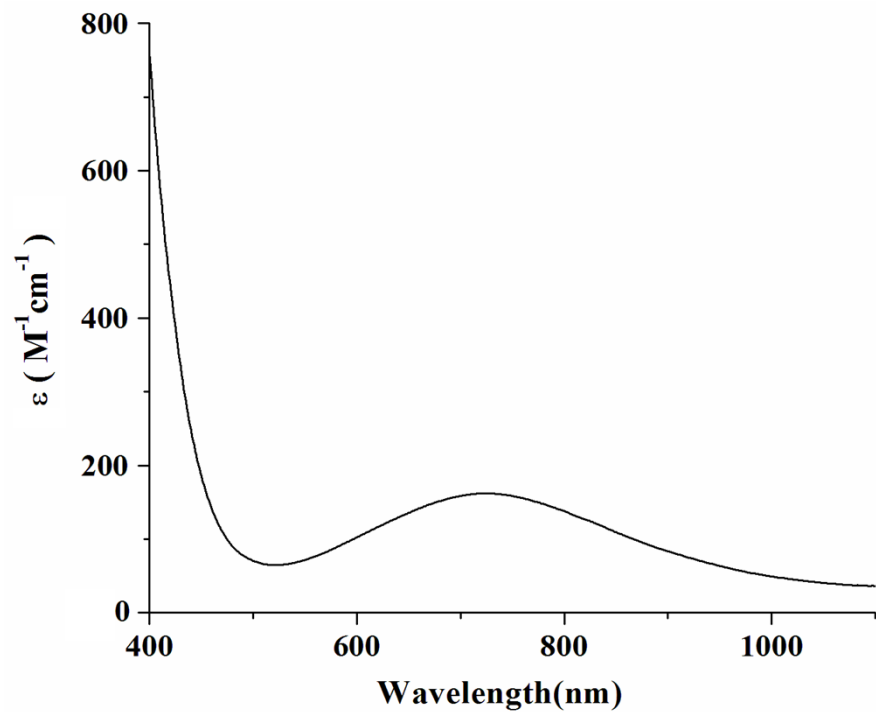


Figure S8: UV-visible spectrum of complex **2** in acetonitrile.

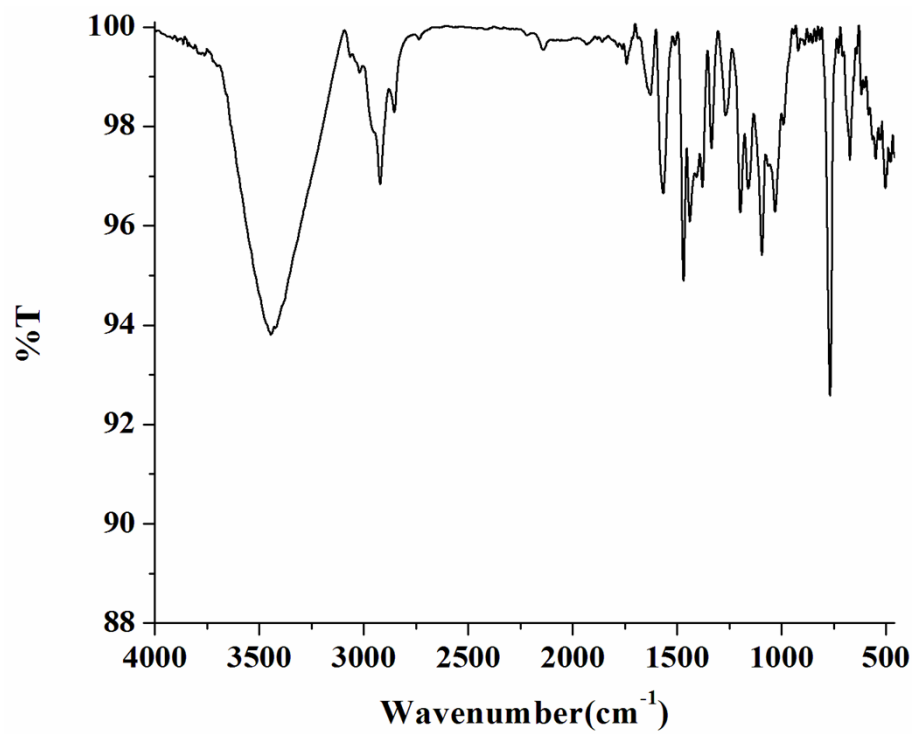


Figure S9: FT-IR spectrum of complex **3** in KBr pellet.

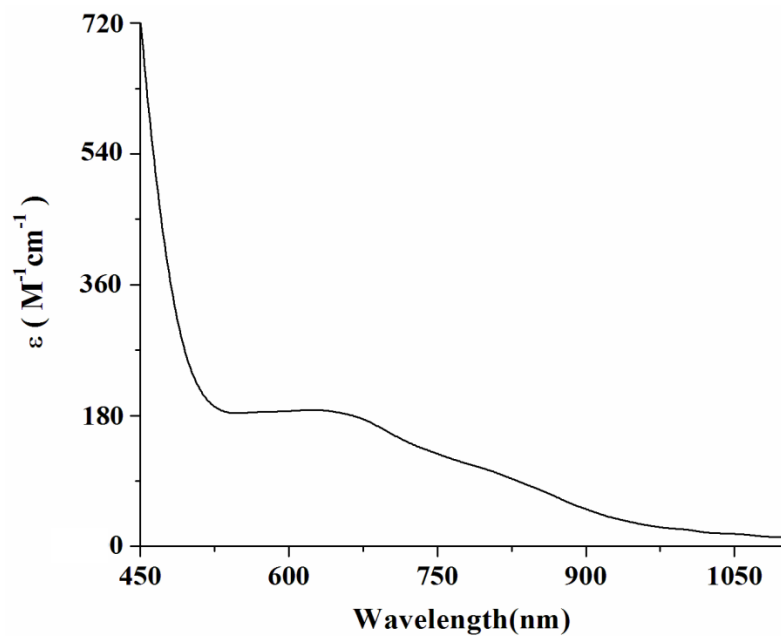


Figure S10: UV-visible spectrum of complex **3** in acetonitrile.

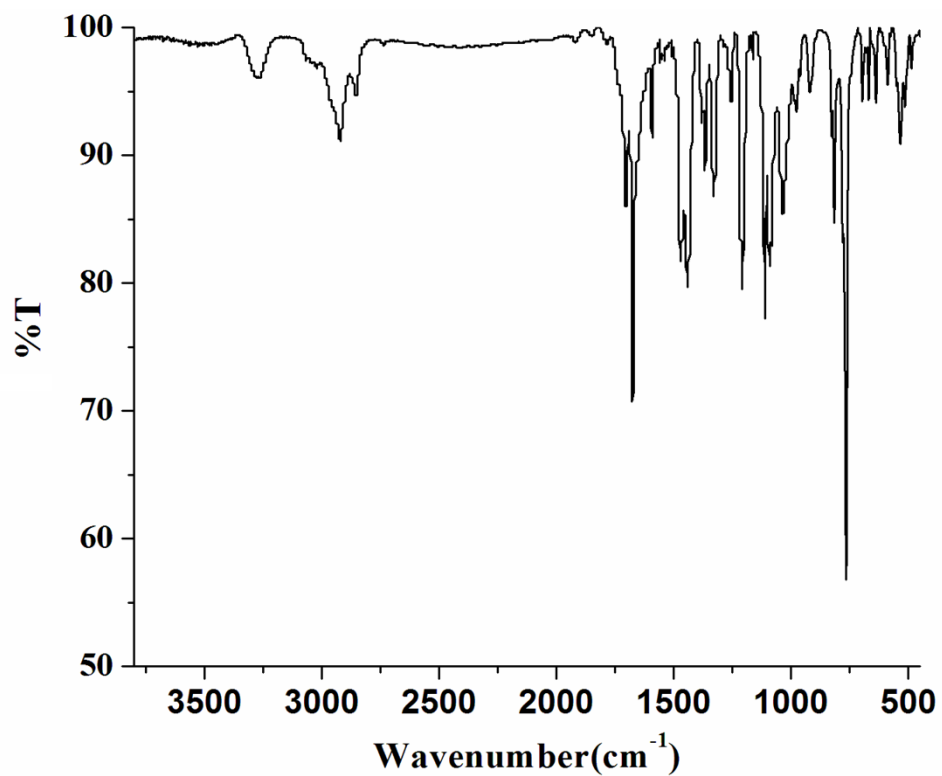


Figure S11: FT-IR spectrum of **L1** in KBr pellet.

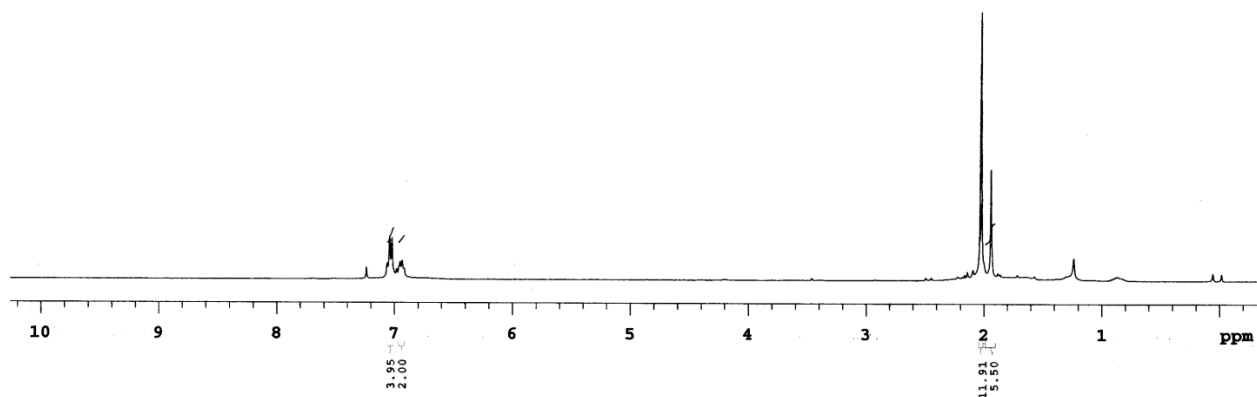


Figure S12: ¹H-NMR spectrum of L1 in CDCl₃.

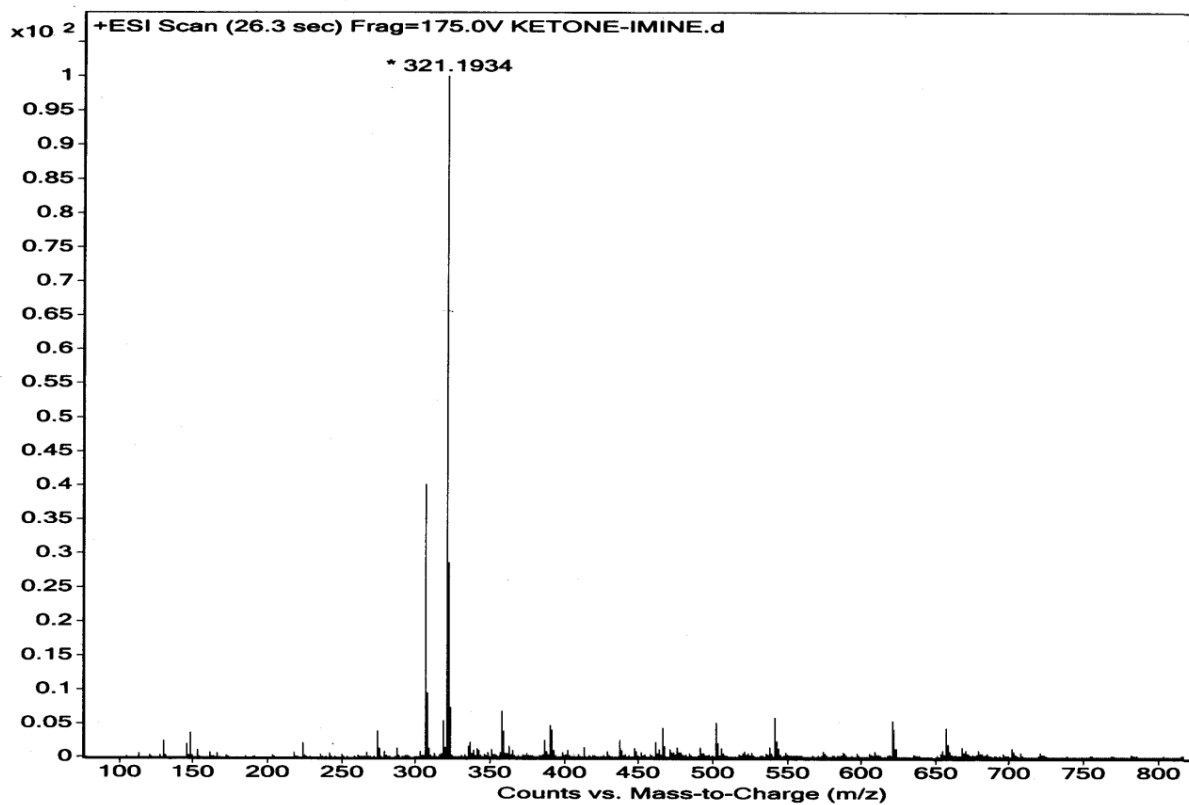


Figure S13: ESI-mass spectrum of L1 in acetonitrile.

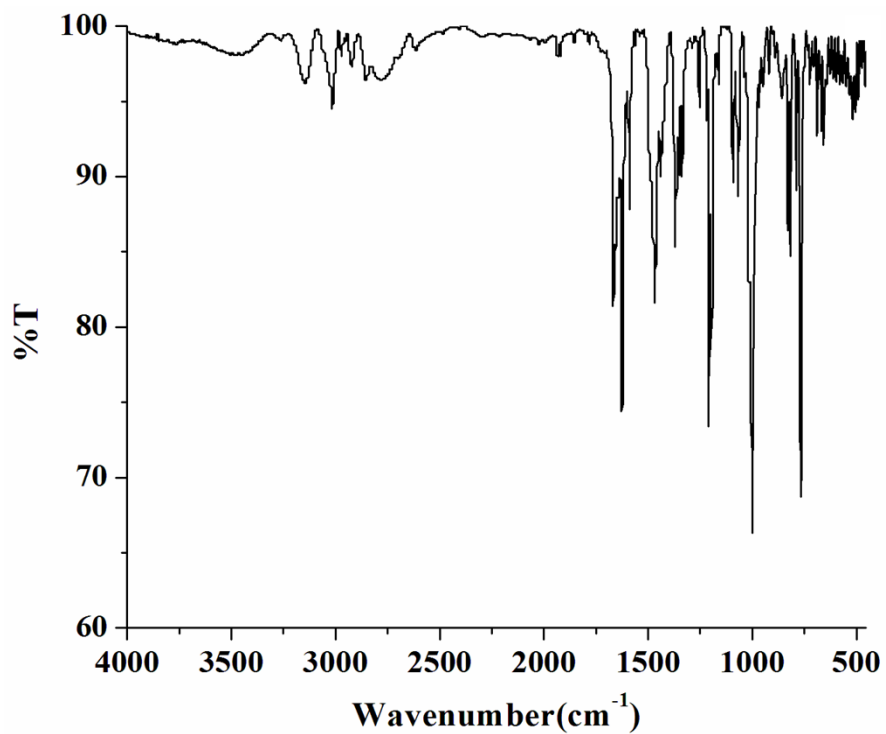


Figure S14: FT-IR spectrum of L2 in KBr pellet.

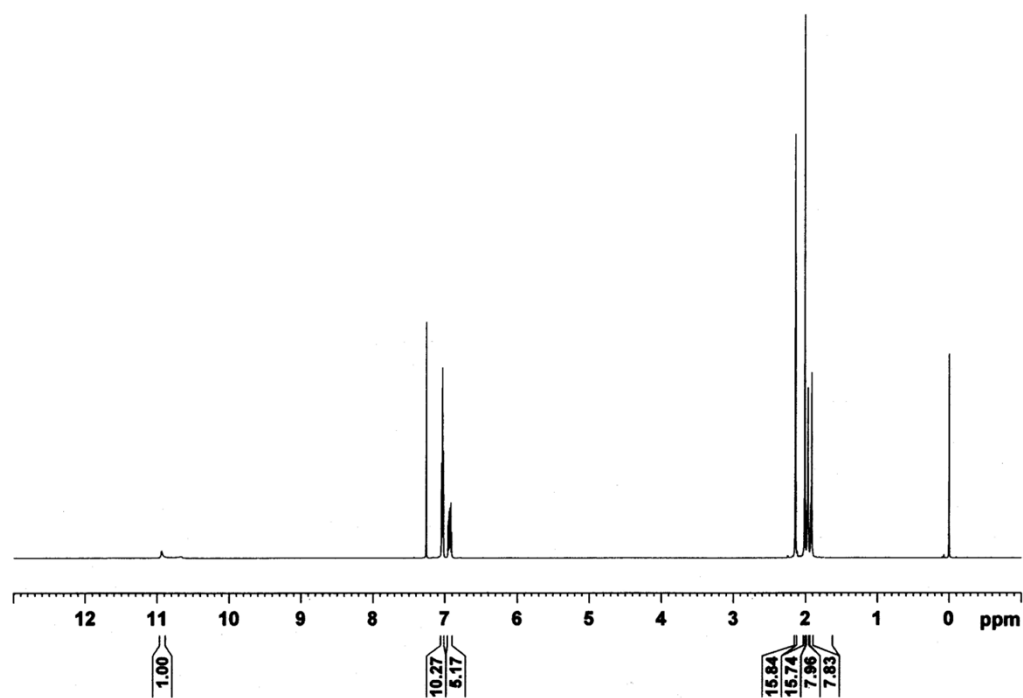


Figure S15: ¹H-NMR spectrum of L2 in CDCl₃.

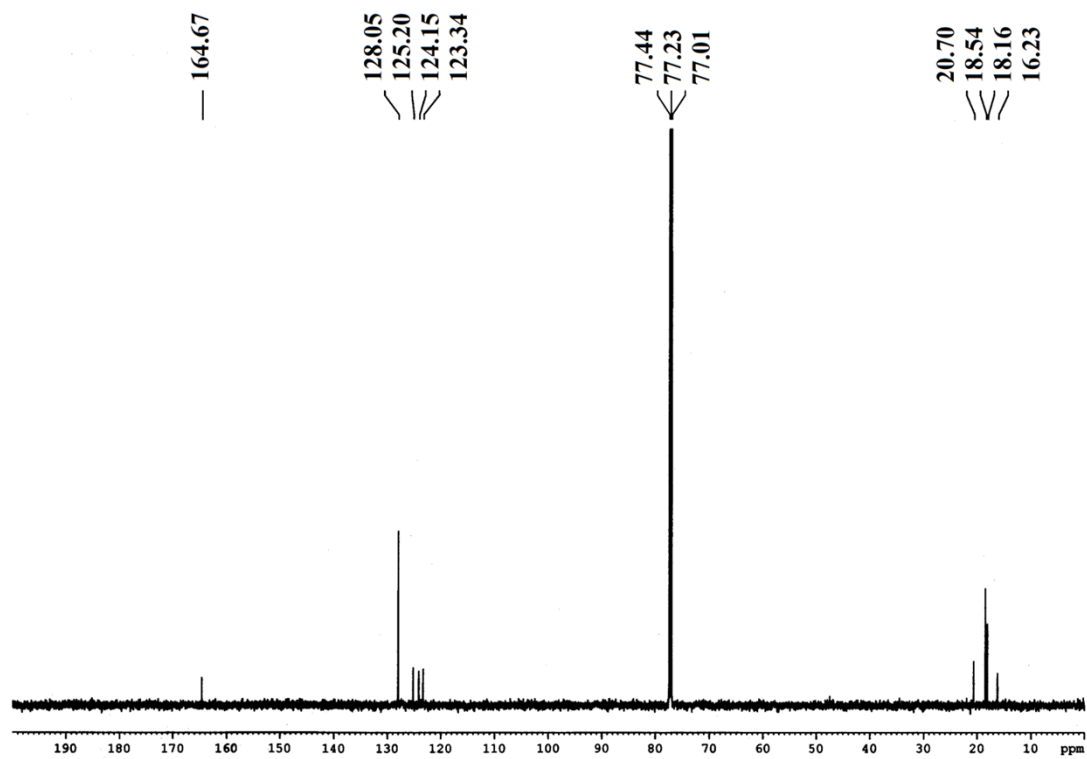


Figure S16: ^{13}C -NMR spectrum of L2 in CDCl_3 .