

Supplementary Information

Acetophenone derived Schiff base and its Fe (III) complex: Synthesis, characterization and biological activity

Shobhana Sharma, Poonam Yadav, Seema, Suman Kumari & Mamta Ranka*

Department of Chemistry, University of Rajasthan, Jaipur 302 004, Rajasthan, India

E-mail: mmt31ran@gmail.com

Received 15 March 2024; accepted (revised) 26 April 2024

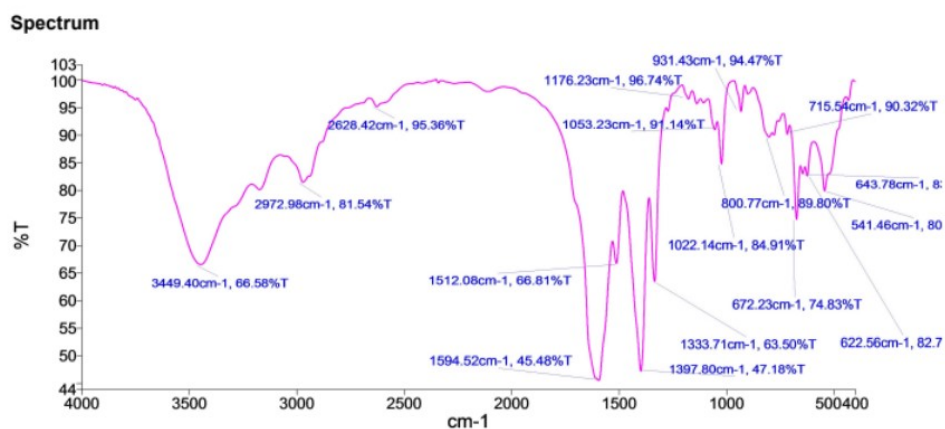


Fig.S1- FTIR spectra of ligand

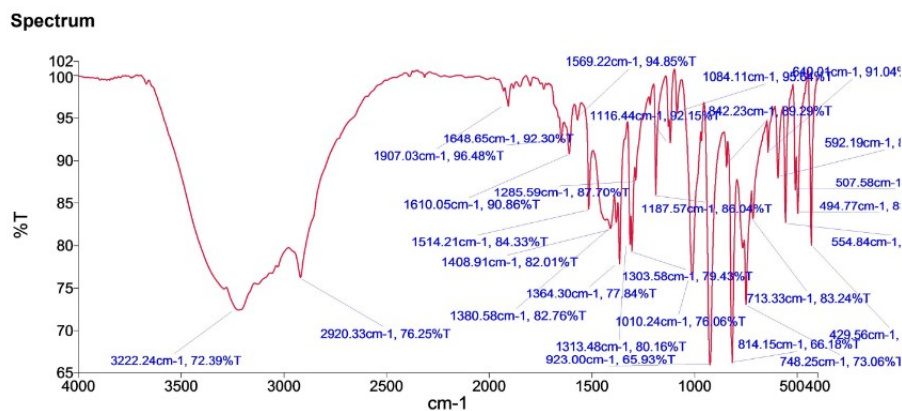


Fig.S2- FTIR spectra of complex

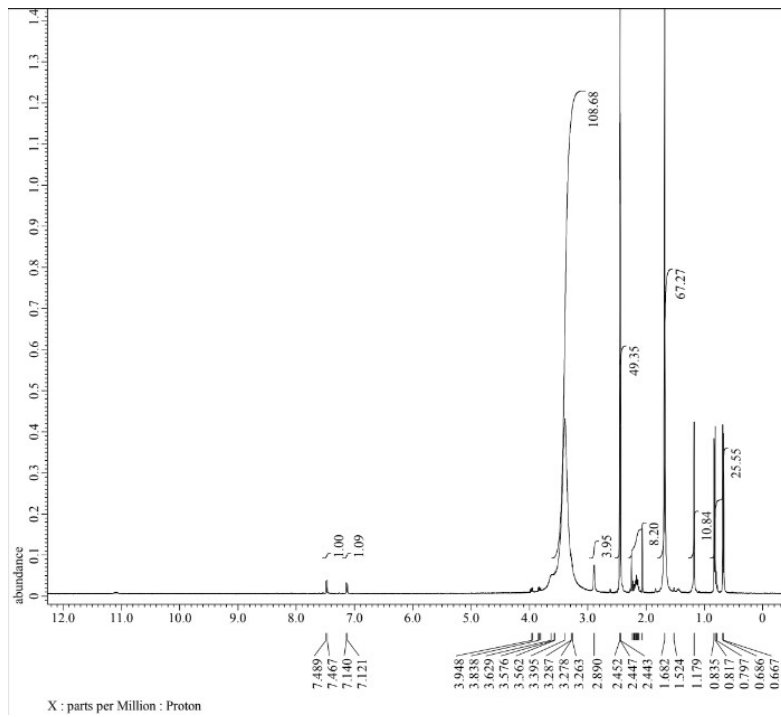


Fig.S3- $^1\text{H-NMR}$ spectra of ligand

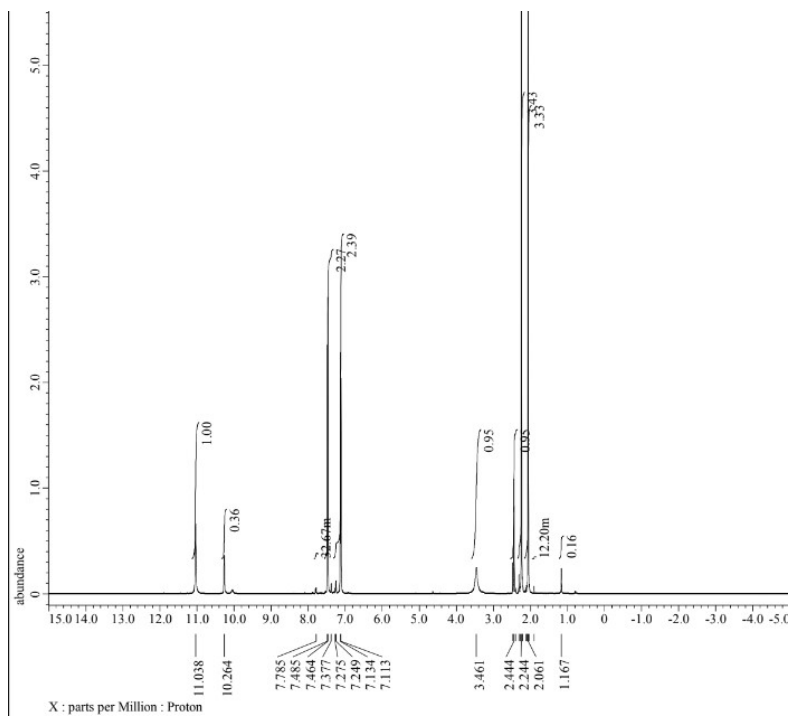


Fig.S4- $^1\text{H-NMR}$ spectra of Complex

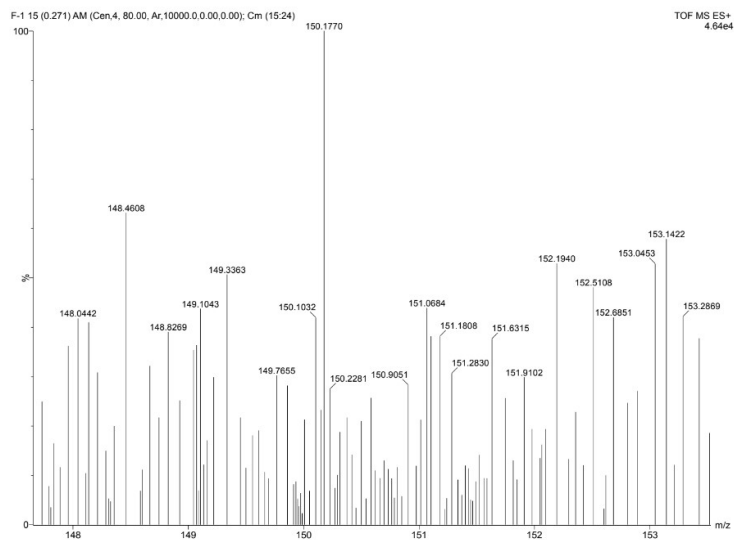


Fig.S5- Mass spectra of ligand

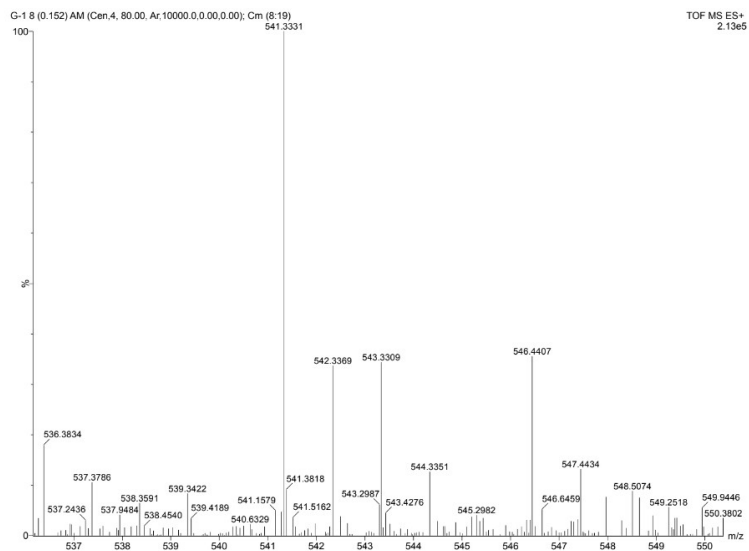


Fig.S6- Mass spectra of complex