

A new C,C-linked functionalized bipyrazole: Synthesis, crystal structure, spectroscopies and DFT studies. Evaluation of the antibacterial activity, extraction ability and catalytic properties.

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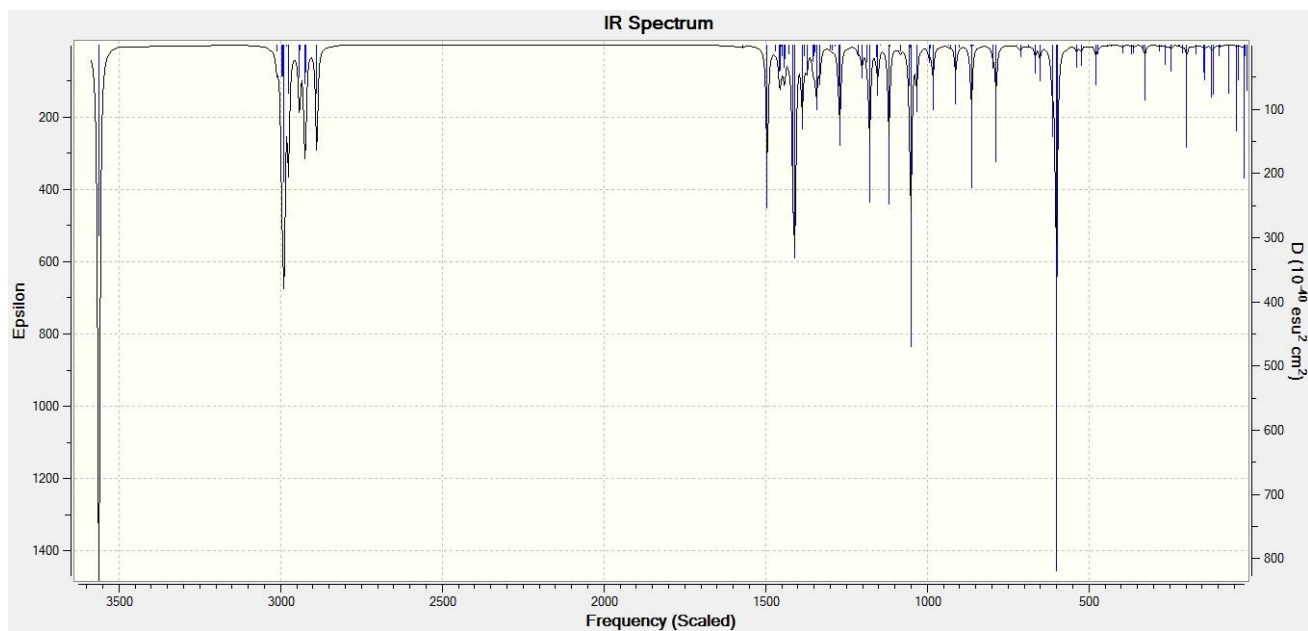


Figure S1. Theoretical FTIR spectrum of bipyrazolic compound **2**

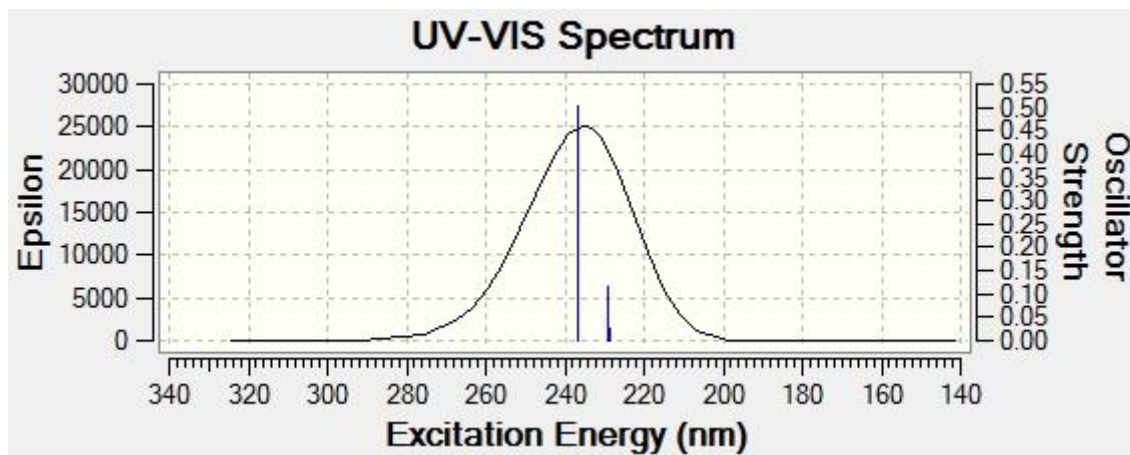


Figure S2. Theoretical UV-Visible spectrum of bipyrazolic compound **2**

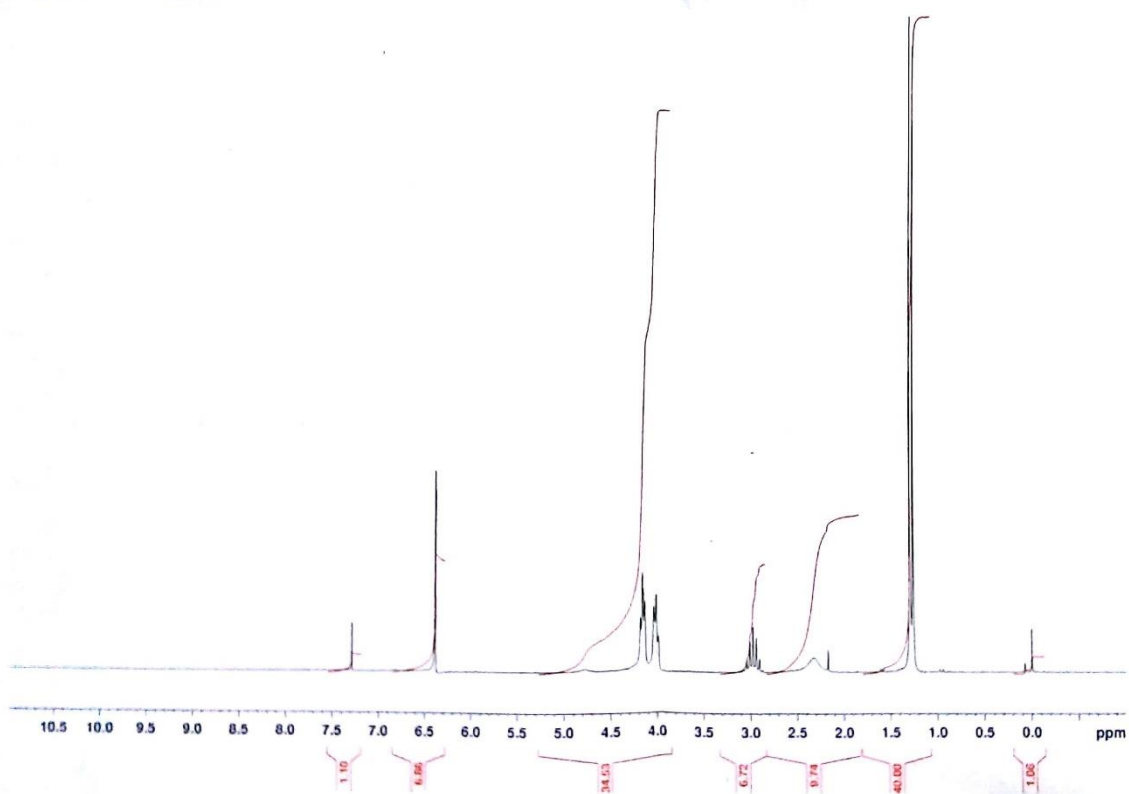


Figure S3. ¹H NMR spectrum of compound 2

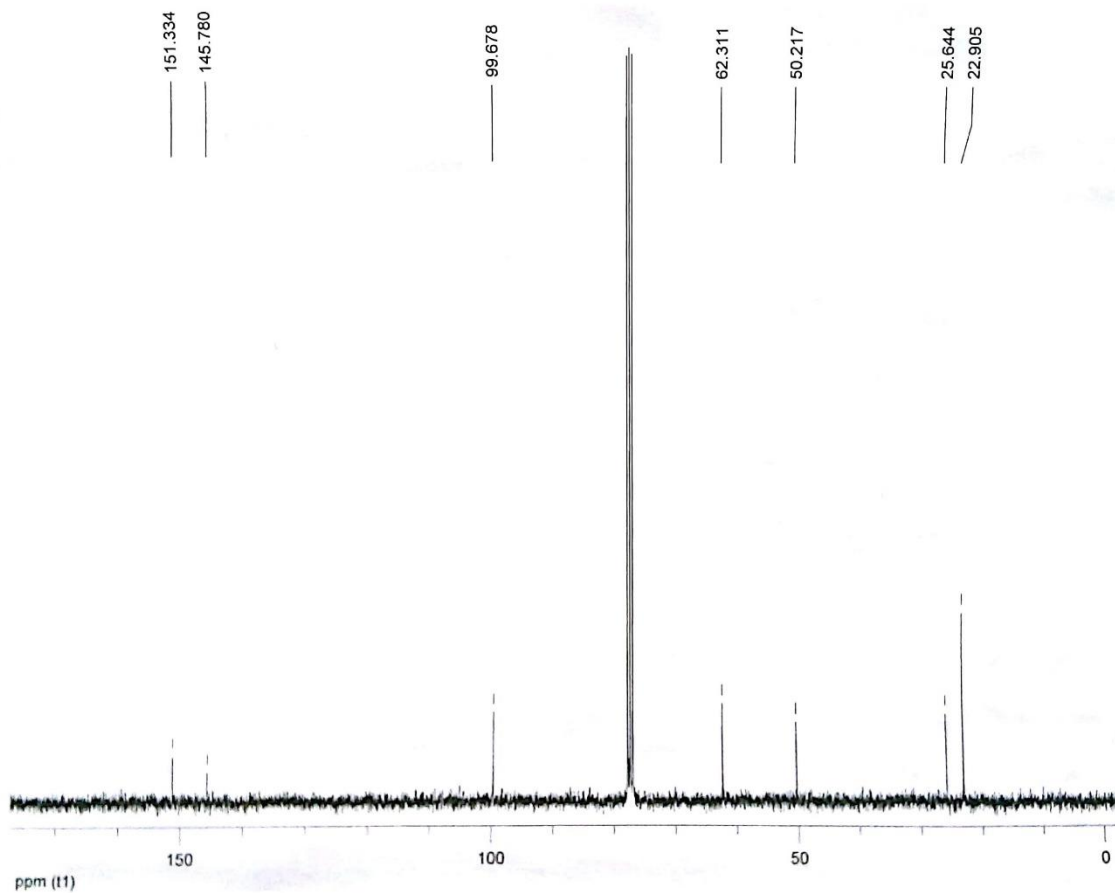


Figure S4. ¹³C NMR spectrum of compound 2

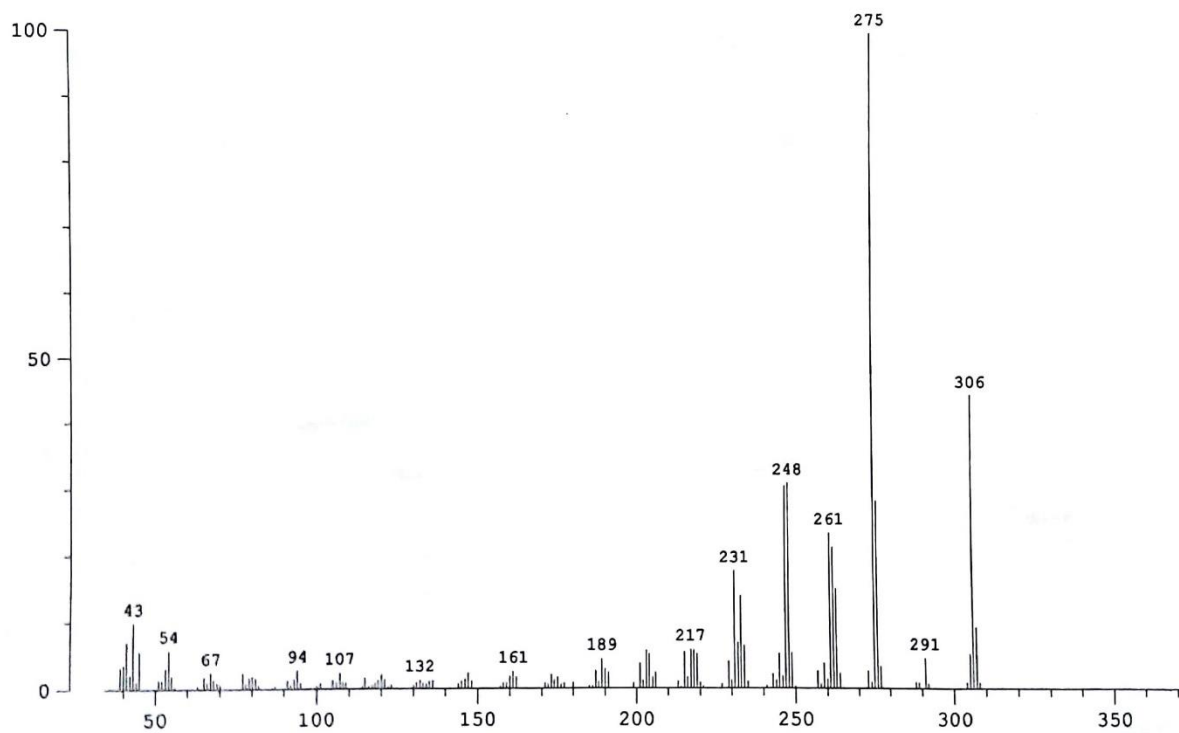


Figure S5. Mass spectrum of bipyrzolic compound **2**