

## SUPPLEMENTARY MATERIAL TO

### DFT Calculation, Biological Activity, Anion Sensing Studies and Crystal Structure of (*E*)-4-chloro-2-((pyridin-2-ylimino)methyl)phenol

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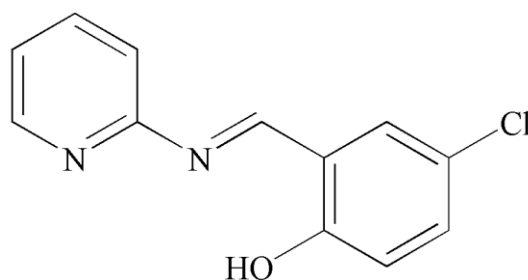
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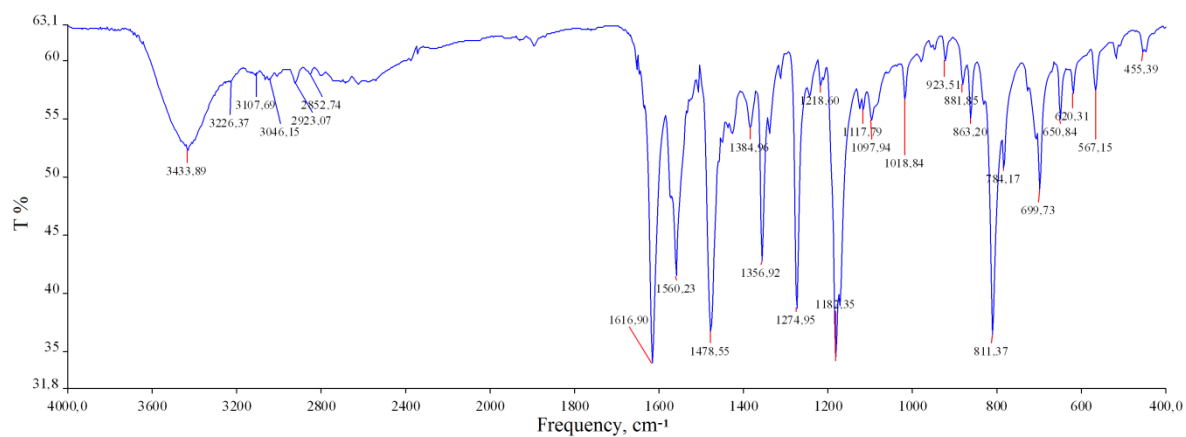
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E-mail address: [myildiz@comu.edu.tr](mailto:myildiz@comu.edu.tr) ([M. Yıldız](#))

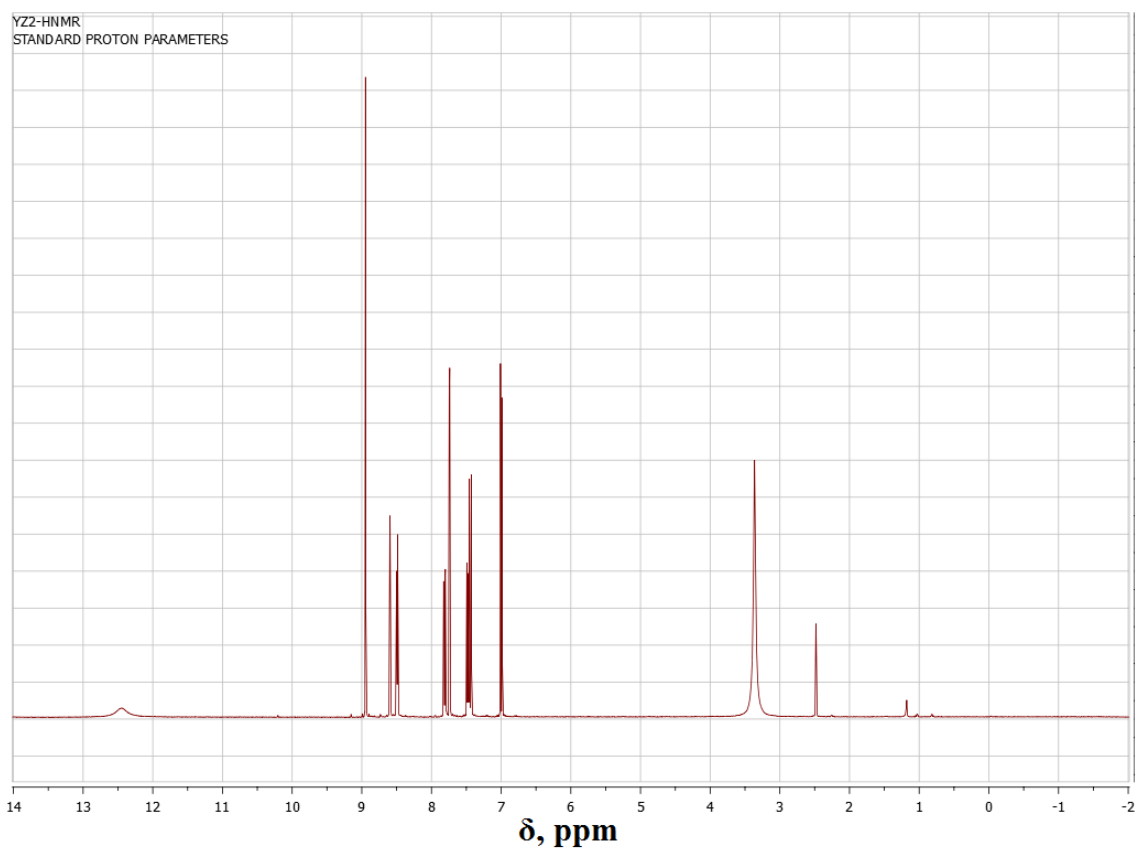


(*E*)-4-chloro-2-((pyridin-2-ylimino)methyl)phenol

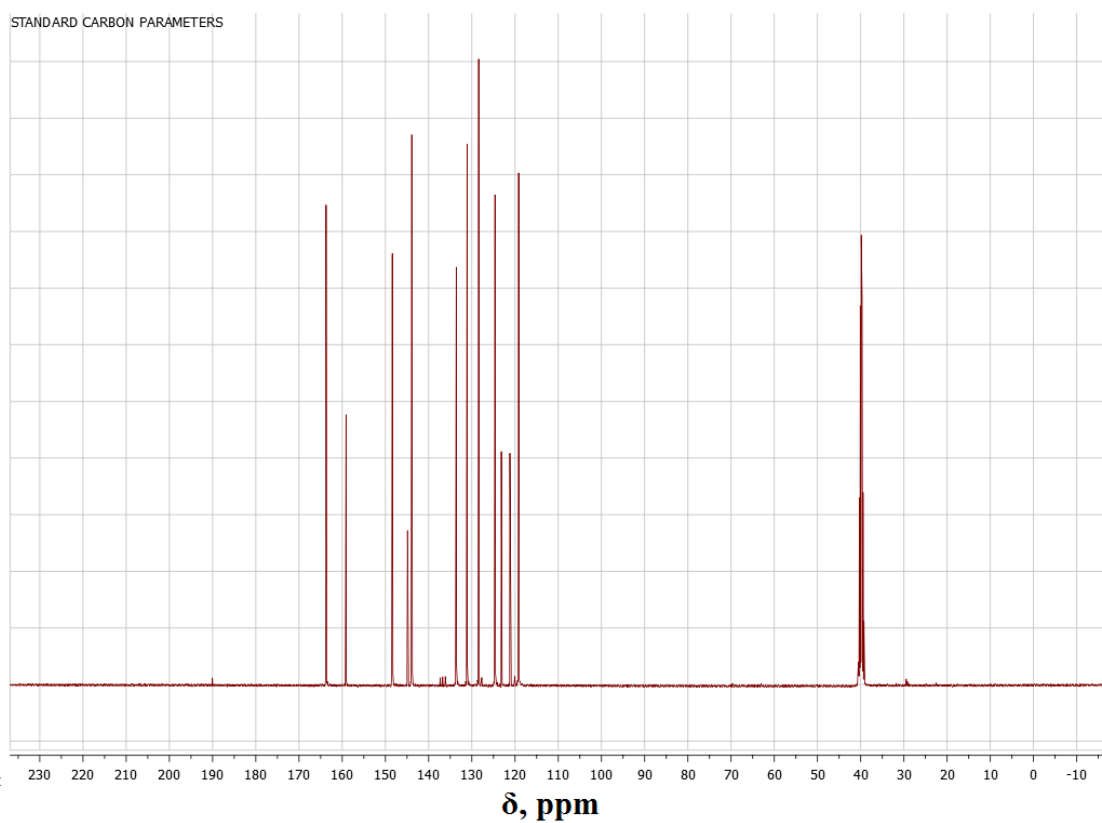
**Figure S1.** The molecular formula of the title compound.



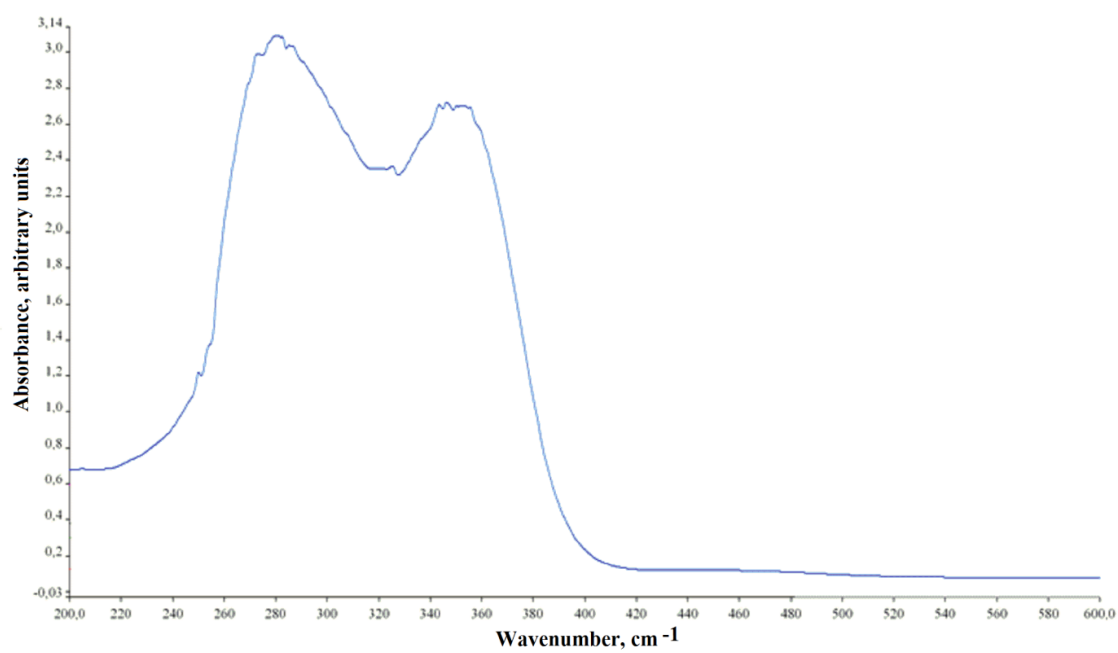
**Figure S2.** FT-IR spectrum of the title compound.



**Figure S3.** <sup>1</sup>H-NMR spectrum of the title compound.

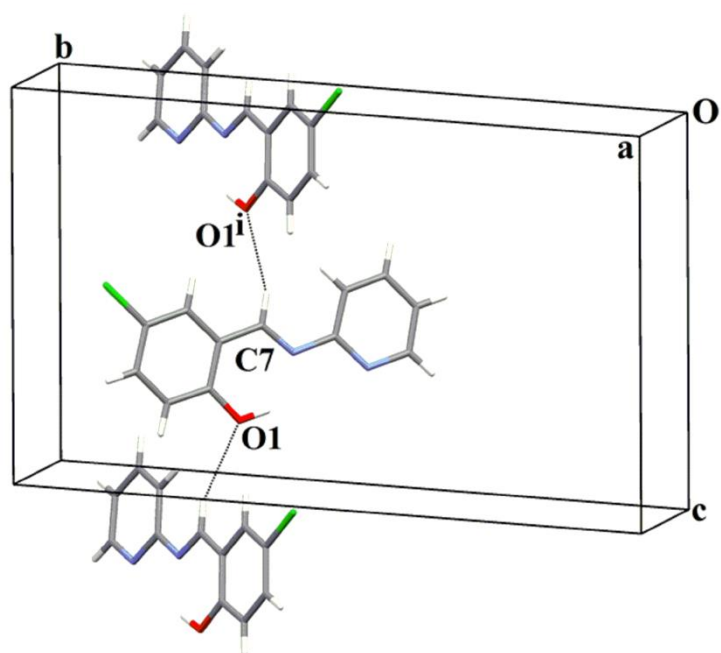


**Figure S4.**  $^{13}\text{C}$ -NMR spectrum of the title compound.

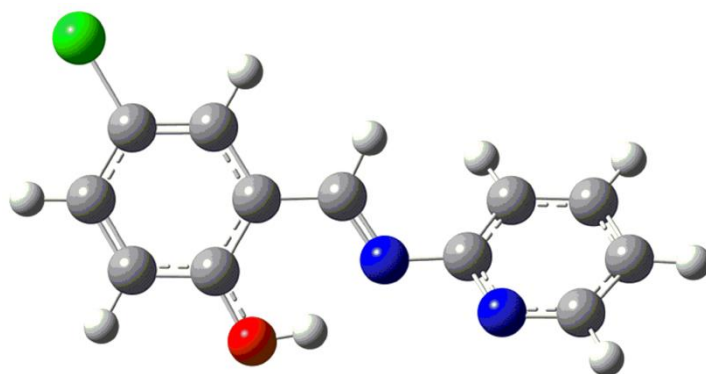


**Figure S5.** UV-Vis spectrum of the title compound.

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**Fig. S5.** The C–H···O hydrogen bonds of the title compound.



**Fig. S6.** The theoretical geometric structure of the title compound (at B3LYP/6-311++G(d,p) level).