Review of: "Synthesis and Antibacterial Screening of Cefradine Schiff Bases and Their Metal Salts"

Ahmed M. Abu-Dief

Potential competing interests: No potential competing interests to declare.

Dear Sir

This article presents Synthesis and Antibacterial Screening of Cefradine Schiff

Bases and Their Metal Salts. The work is interesting and can be accepted in the Applied Organometallic Chemistry journal, but the following comments must be considered before production.

My comments

1- The aim of the work should be stated clearly in the introduction.

2- For "Schiff base and its complexes represent an

important class of organic compounds, having a broad range of applications especially in the biological, analytical, medicinal, and pharmaceutical fields, the following citations should be added

International Journal of Molecular Sciences 24 (18), 2023, 14259; Computational Biology and Chemistry 97, 2022, 107643; Journal of Molecular Structure 1244, 2021,131017; Applied Organometallic Chemistry 35 (5), 2021,e6154 , Applied Organometallic Chemistry 35 (4), 2021,e6169; Arabian Journal of Chemistry 13 (1), 2020, 649-670; Journal of King Saud University-Science 31 (1), 2019, 52-60**;** Applied Organometallic Chemistry 32 (12), 2018, e4527; Journal of Photochemistry and Photobiology B: Biology 170, 2017, 271-285**;** Bioorganic Chemistry 69, 2016, 140-152

3- All materials used in the investigation should be supplied with their purity and originality.

4-A single crystal is an important tool for confirming the structure; what about it?

6- For the agar well diffusion method, the following citations should be added

Inorganic Chemistry Communications 158, 2023,111587; International Journal of Biological Macromolecules 253 (4), 2023, 126856; Inorganic Chemistry Communications 138, 2022, 109251; Physica Scripta 98, 2023, 095004; Journal of Molecular Liquids 339, 2021,116797

7- A comparison with other related studies is recommended.

8-Finally, the authors must revise the language of the manuscript before publication, and the whole article must be

adjusted based on the journal style.