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Message Title: Review for Journal of King Saud University - Science - next steps

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Date: 10 Mar 2022, 11.21

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Apr 8 Jum	Review Due Waktu: Jum, 8 Apr 2022 (WIB) Siapa: Journal of King Saud University - Science* Tambah ke kalender >	Agenda Jum, 8 Apr 2022 <i>Tidak ada acara sebelum ini</i> Sepanjang hari Review Due <i>Tidak ada acara sesudah ini</i>
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This is an automated message.

Manuscript Number: JKSUS-D-21-01942R1
An in-vitro anti-inflammatory and anti-microbial essential on Ni(II), Cd(II) mixed ligand complexes by using 2,4-dinitrophenyl hydrazine and dimethylglyoxime

Dear Dr. Syafri,

Thank you for agreeing to review the above referenced manuscript.

Timely reviews are of utmost importance to authors, therefore I would be grateful if you would please submit your review by Apr 08, 2022.

Please read the following instructions carefully before starting your evaluation:

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Page: 1 of 1 (2 total assignments)

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Action Links	2	JKSUS-D-21-01942R1	Full length article	An in-vitro anti-inflammatory and anti-microbial essential on Ni(II), Cd(II) mixed ligand complexes by using 2,4-dinitrophenyl hydrazine and dimethylglyoxime	Mar 07, 2022	Mar 09, 2022	Apr 08, 2022	Mar 09, 2022	0	
Action Links	2	JKSUS-D-21-01942	Full length article	An in-vitro anti-inflammatory and anti-microbial essential on Ni(II), Cd(II) mixed ligand complexes by using 2,4-dinitrophenyl hydrazine and	Jan 23, 2022	Jan 23, 2022	Feb 22, 2022	Feb 01, 2022	9	

Proses review

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Preparation of 2,4- dinitrophenyl hydrazine and dimethylglyoxime complexes with Ni(II), and Cd(II) and their antimicrobial and anti-inflammatory activity

Abstract: The mixed ligand metal complexes were prepared using 2,4-dinitrophenyl hydrazine and dimethylglyoxime with Ni(II) and Cd(II) in molar ratio (M: L1: L1) 1:1:1. CHNO analysis, conductivity measurement, PXRD, UV-visible, infrared spectrum, and magnetic susceptibility analysis were used to characterize the synthesized compounds. According to the study of the results, all of the metal complexes have octahedral geometry. The molar conductance value indicates the non-electrolytic nature of compounds Ni(II) and Cd(II). According to the PXRD patterns, all of the compounds are crystalline in character. Metal complexes have been tested against Gram-positive and Gram-negative pathogenic bacteria such as *S. aureus*, *B. subtilis*, *P. aeruginosa*, and *E. coli*, as well as fungus like *A. niger* and *C. albicans*. As a result, the metal

Reviewer (Dr Edi Syafri)

There are few suggestions and comments about the manuscript entitled Preparation of 2,4- dinitrophenyl hydrazine and dimethylglyoxime complexes with Ni(II),and Cd(II) and their antimicrobial and anti-inflammatory activity

1. Title need to change
2. Refine the abstract
3. Introduction need to add more latest references on the study
4. In material and methods give all details of all instruments and materials used. Like DMSO, DMF, write full name than abbreviated them in rest of the manuscript
5. Section 2.1, first line change from 'and were usedwith' to 'and were used with' and correct many other small grammatical errors
6. Change figure 1 to scheme only in the revision and figure 2 will be figure 1
7. Section 2.2 replace 'analytical characterization' by 'physicochemical characterization'.

After all these minor correction recommended this study for publication in this journal

Paper yang sudah terbit



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Outline

Abstract

Keywords

1. Introduction

2. Experimental

3. Result and discussion

4. Conclusion

Declaration of Competing Interest

Acknowledgements

Appendix A. Supplementary data

References

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Figures (6)

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Journal of King Saud University - Science

Volume 34, Issue 5, July 2022, 102114



Original article

An in-vitro anti-inflammatory and anti-microbial essential on Ni(II), Cd(II) mixed ligand complexes by using 2,4-dinitrophenyl hydrazine and dimethylglyoxime

M. Muthuppalani^a , Ahmed Al Otaibi^b, S. Balasubramaniyan^a, S. Manikandan^a, P. Manimaran^a, G. Mathubala^{c,d}, A. Manikandan^{c,d} , Tahseen Kamal^{e,f}, Anish Khan^{e,f}, Hadi M. Marwani^{e,f}, Khalid A. Alamry^{e,f}, Abdullah M. Asiri^{e,f}

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