



SDI Review Form 1.6

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_32244
Title of the Manuscript:	In Vitro Antioxidant Properties of Novel Schiff Base Complexes
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1. One Schiff base ligand and four complexes are not new compounds because they had been published in many Journals, such as Thermochemica Acta 555 (2013) 72-80, Polyhedron 29 (2010) 1810 – 1814. Chemical Sciences 43 (1988) 612 - 615. 2.The ligand is a well-known compound, and have been published in many journals, as following. Thermochemica Acta 555 (2013) 72-80. Polyhedron 29 (2010) 1810 – 1814. Chemical Sciences 43 (1988) 612 - 615. Inorganica Chimica Acta 442 (2016) 81–85. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 75 (2010) 1146–1151. Letters in Drug Design & Discovery 8 (2011) 491-495. Journal of Organometallic Chemistry 701 (2012) 51-55. J. Serb. Chem. Soc. 77 (8) (2012) 993–1001. Green Chem. 11 (2009) 166–168. European Journal of Medicinal Chemistry 49 (2012) 354-364. 3.In abdtract, the sentence “In the current investigation, a newly synthesized Schiff base ligand and their metals complexes”, the words “newly synthesized” should be deleted. 4. In conclusion section, the sentence “..... we report on preliminary pharmacological properties of four new Schiff base ligand and their metal complexes”, the words “four new Schiff base ligand and their metal complexes.” should be revised.	In the current study we evaluate the ligand and their metal complexes for their possible antioxidant properties. The ligand and their metal complexes are synthesized according to the reference given here. The word new is removed.



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	(only one ligand and four complexes ?????) (not new compound) Ethical Issue- The ligand and 4 metal complexes Ni Co, Cu, Zn had been published in Thermochemica Acta 555 (2013) 72-80. Yes, The ligand and Cu complex had been published by Rasoul Vafazadeh, * Vahid Hayeri, Anthony C. Willis, Polyhedron 29 (2010) 1810 – 1814. Yes, The Zn complex had been published in Chemical Sciences 43 (1988) 612 - 615.	In conclusion the sentence is revised. The ligand and 4 metal complexes Ni Co, Cu, Zn had been published in Thermochemica Acta 555 (2013) 72-80 Is also our published paper. But the antioxidant study was not mentioned here. For confirmation you can check the authors name M, Ikram and Sadia Rehman.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	1.The ligand and complexes have been proposed in many journals. The authors only tested the antioxidant activity of these compounds 2. In this test report, although copper complex was found to have better antioxidant activity than other compounds, there were no compounds have better or comparable activity than the control standard. 3. The author should synthesize other ligand and corresponding complexes to explore their antioxidant activity. Plus, the authors should study structure-activity relationship between all the new compounds.	