

Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_85522
Title of the Manuscript:	Synthesis, Characterization and Biological Activity of New Amides Containing Azo Moieties
Type of the Article	Research

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:

(<https://www.journalajacr.com/index.php/AJACR/editorial-policy>)

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	It is a very small work having synthesized just two compounds from the previously synthesized and published molecules. The characterization of the novel compound 9 has also not been done using NMR, C 13 or elemental analysis. The FT IR, MS and UV are not sufficient for characterization. The compounds have not shown any significant anti bacterial activity. No rationale of condensing the pre synthesized structure to have a potential anti microbial agent is mentioned in the text.	We would like to thank the reviewers for their efforts to read the manuscript and give comments and recommendations. 1. In this work, we synthesized three new compounds 6, 8 and 9. 2. Compound 9 is characterized by FTIR, MS, UV and CHN elemental analysis (Sections 2.2.3.1 and 2.2.3.2, and Table 1). By the way, the NMR spectroscopy strengthens the research. Unfortunately, Compound 9 was sent to Egypt, two years ago to make all spectroscopic analyses. Some of the analyses were done at Al-Azhar university. We could not do NMR at that time due to the Corona and the ban, and the device is in another area. 3. All most of the nitro compounds show low significant anti bacterial activity. So, we study the best position of the nitro functional group or groups in the molecules, to get the best effect. Thank you for all notes.
Minor REVISION comments		
Optional/General comments	Stated my comments regarding the quality and content of the article Leave it to the decision of the editor to accept or reject it.	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	