

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_84894
Title of the Manuscript:	Microwave assisted synthesis, biological evaluation and In-Silico Molecular docking and pharmacokinetic studies of novel heterocyclic hybrid dihydropyrazol-1-yl-2-(quinolin-8-yloxy) derivatives
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:

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(<https://www.journaljpri.com/index.php/JPRI/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	<ol style="list-style-type: none"> 1. Include the area of study 2. type of study design used; 3. include a reason for no further purification of the SD-FINE Chem Limited (India) and Merck (India) used; 4. clearly state the sample size used in this study; 5. website (https://www.rcsb.org/structure/5MTX), should not be used for in text citation; replace it with in text citation. 6. include ethical approval in methodology; include quality control assurance into your article; 7. The objectives of this study are not easily identified 	<ol style="list-style-type: none"> 1. As per your suggestion, we have included the area of study in the revised manuscript. The area of study is "medicinal chemistry." 2. The type of study design used is "new approach based on the synthesis of two or more active compounds with known bioactive moieties by conventional and microwave irradiation methods." 3. As per your suggestion, we have included the area of study in the revised manuscript. SD-FINE Chem Limited (India) and Merck (India) were ISO certified, FDA approved, and GMP certified. 4. As per your suggestion, we have included the area of study in the revised manuscript. The sample size used in the present study was seven newly synthesized hybrid compounds 7(a-g). 5. As per your suggestion, the website (https://www.rcsb.org/structure/5MTX) was cited in the manuscript with reference no. 45. 6. As per your suggestion, we have included the area of study in the revised manuscript. The institutional ethical committee approved the protocol adopted for the study. (CPCSEA Registration No.: 1667/GO/a/12/CPCSEA). For the quality control assurance, "The purity of the compounds was determined by using Silica Gel coated aluminum-backed TLC sheets and purified by column chromatography, and recrystallization." 7. The objective of the study was "This new approach was based on the synthesis of two or more active compounds with known bioactive moieties. The present paper deals with the study protocol for the design and synthesis of some novel heterocyclic hybrid dihydropyrazol-1-yl-2-(quinolin-8-yloxy) scaffold."
Minor REVISION comments	<ol style="list-style-type: none"> 1. Procedures need to be written in a past tense, 	Thank you for highlighting this mistake. We have rectified the error and incorporated it into the revised manuscript as per your suggestion.
Optional/General comments	The research is very informative and can be used to policy development	Thank you for the valuable comments.

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?	<p>(If yes, Kindly please write down the ethical issues here in details)</p> <p>Ethical statement not seen within the article; author advised to include a statement of ethical consideration.</p>	As per your suggestion, we have input, "The institutional ethical committee approved the protocol adopted for the study. (CPCSEA Registration No.: 1667/GO/a/12/CPCSEA)" the text in the revised manuscript.