

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:

(<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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	The MS is well planned and executed in a systematic order. Language used is good, cited uptodate bibliographic references to the MS. The present paper reported that the novel heterocyclic hybrid scaffolds 7(a-g) was synthesized using microwave irradiation techniques, showing better yield and lesser time than the conventional synthesis method. The <i>in-silico</i> and <i>in-vitro</i> biological screening revealed that the compounds 7a and 7g showed better activity than other target compounds and had shown remarkable binding affinities greater than the recommended drugs. However, further extensive research may lead to the generation of ideal pharmaceuticals to treat inflammation shortly. A very significant piece of work.	Thank you for the valuable comment.

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?	(If yes, Kindly please write down the ethical issues here in details)	