

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_79725
Title of the Manuscript:	Isolation of active molecules from the stems of passion vine
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>)

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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	<p>Dear Publisher,</p> <p>The Manuscript entitled " Isolation of active molecules from the stems of passion vine", has been reviewed, and can be considered for publication in the journal after the following major revision. The manuscript describes isolation of active molecules from the stems of passion vine. In this study isolation and identification of three constituents were studied. According to the literature, researches on the natural products and passion vine are active and significant subject. Thus, the study on the new subjects to improve the natural products chemistry is main goal in this area.</p> <p>COMMENTS TO AUTHOR:</p> <p>*****</p> <ol style="list-style-type: none">1. The format of title should be corrected according to the journal format.2. The scientific discussion in the " RESULTS AND DISCUSSION" section is poor and there are any references in results and discussion. Cite useful references in this section and most definitely need to compare your results to other related results.3. Original spectra should be transferred to supporting information.4. Format of keywords should be corrected.5. Abstract should be modified according to journal format.6. The format of references at the end of the manuscript should be corrected according to the journal format.7. Subtitles in the manuscript should be corrected according to the journal considerations.8. The English language should be modifying. <p>Yours sincerely</p>	<p>All the corrections have been made</p> <p>Abstract: Three constituents were isolated, Kaempferol is a polyphenol isolated from from n- butanol extract. A flavonoid, Apigenin from ethyl acetate extract and Beta- Sitosterol a phytosterol was isolated from petroleum ether extract.</p> <p>Results and discussion: The characteristic absorption peaks at 3427 cm⁻¹ and 3317 cm⁻¹ is due to phenolic O-H stretching, 2954 cm⁻¹ and 2850 cm⁻¹ due to C-H stretching, and at 1613 cm⁻¹ due to C=O stretching. The absorption peak at 965 and 802cm⁻¹ is due to C=C-H group. The absorption peak at 1242cm⁻¹ is due to C-C stretching and peak at 725cm⁻¹ indicated mono substitution in aromatic ring. The IR spectra of apigenin showed a broad intermolecular OH stretch vibrations band at 3333 cm⁻¹, an aromatic C-H stretch at 3040 cm⁻¹, a vibration band at 1646 cm⁻¹ characteristic for flavone of conjugation between the C=O and double bonded of C2-C3, and 1801 cm⁻¹ for lactone ring</p> <p>References have been corrected according to the journal format</p>
Minor REVISION comments		
Optional/General 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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	