

**Manuscript Evaluation Form**

<b>PAPER TITLE</b>	Brexiprazole: Characteristics, Biological Activities, Synthesis And Methods For Determination In Different Matrices
<b>AUTHOR(S) NAME</b>	Alankar Shrivastava, Ashu Mittal, Rakhi Khabiya, GP Choudhary and GN Darwhekar

**Sec. A: REFEREE'S ASSESSMENT** (cross as appropriate)

Criterion	Excellent	Good	Fair	Poor						
Originality of the Topic	x									
Technical Quality		x								
Importance in its Field	x									
Style & Overall Representation		x								
Readily Understandable	x									
Suitability for the Journal	x									
Adequate Illustrations or Drawings				x						
English Language		x								
Description	Yes	No	Comments/Suggestions							
Does the title represent manuscript's contents?	x									
Is the Abstract accurate and concise?	x									
Are the approaches/methods properly described?	x									
Are the conclusions and interpretations sound?	x									
Are the references properly cited?	x									
Is this a new/original contribution?	x		This is a review article							
Is it within the scope of the journal?	x									
Is the sample size adequate for the study?	x									
<b>Overall the Paper is Rated:</b>	<b>(Excellent -----7----- Poor)</b>									
	10	9	8	7	6	5	4	3	2	1

**Sec. B: REFEREE'S RECOMMENDATIONS****OTHER SPECIFIC CRITICISMS**

Accept with minor changes	<input type="checkbox"/>	Imperfect style	<input checked="" type="checkbox"/>
Accept with major changes	<input checked="" type="checkbox"/>	Too long	<input type="checkbox"/>
Reject in current form, but may be resubmitted	<input type="checkbox"/>	References incorrectly presented	<input type="checkbox"/>
Reject, with no resubmission	<input type="checkbox"/>	Typographical and Grammatical errors	<input checked="" type="checkbox"/>

<b>PAPER TYPE:</b> Research article	<input type="checkbox"/>	Review article	<input checked="" type="checkbox"/>	Letter article	<input type="checkbox"/>
Systematic review article	<input type="checkbox"/>	Case Report	<input type="checkbox"/>	Clinical Trial Study	<input type="checkbox"/>

Other

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**Have the following Reporting Guidelines been used by the authors in this study (if applicable)?**

- **Randomized Controlled Trials** – CONSORT – Consolidated Standards of Reporting Trials
- **Observational Studies** – STROBE – Strengthening the Reporting of Observational studies in Epidemiology
- **Systematic Review of Controlled Trials** – PRISMA – Preferred Reporting Items for Systematic Reviews and Meta-Analyses
- **Study of Diagnostic accuracy/assessment scale** – STARD – Standards for the Reporting of Diagnostic Accuracy Studies
- **Case Reports** – CARE – for case reports

Yes	No
Yes	No
Yes	No
Yes	No
Yes	No

**Does the manuscript comply for Ethical Guidelines (if applicable)?**

- Has the author provided the approval from local institutional review board? Or does the manuscript conform to the Helsinki Declaration on human experiments in the “Methods” section?
- Has the approval of institutional ethics committee been obtained by the author regarding experimentation on animals or other species? Is the name of the species mentioned in the title abstract and “Methods” Section of the article?
- In case of experimentation on human subjects, has informed consent been taken?

Yes	No
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Yes	No
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Yes	No
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**Confidential Comments to the Editor (not for Transmission to Authors):**
**Comments for the Authors (continue on another sheet, if necessary):**

Review of the review article entitled Brexpiprazole: Characteristics, Biological Activities, Synthesis and Methods for Determination in Different Matrices, by Alankar Shrivastava, Ashu Mittal, Rakhi Khabiya, GP Choudhary and GN Darwhekar

This manuscript is within the scope of the journal and generally well written, adequate references are included and properly cited.

The English language should be improved at some places and all the figures and tables should be presented in the article.

On page 1, in the Introduction, paragraph 3, the first sentence should be improved, state in the first line, that occurs, or in the second line, and is known

On page 2, present Figure 1, as well as other figures and tables in the article after their first mentioning, as

close as possible

Paragraph 4, line 5, one space should be added for 1 – 4 mg

Line 7, use comma before, which depends on tolerability of patient and response

Paragraph 6, line 6, add one space for BRZ [21]

Use the first small letter for 7-hydroxy-1*H*-quinoline-2-one

Paragraph 7, line 7, state are presented in Figure 5

Line 8, are shown in Figures 6, 7, 8 and 9

Paragraph 9, line 8, add comma before, which vigorously depend on liquid chromatographic analysis.

Paragraph 10, line 5, add one space for  $3.99 \times 10^{-7}$

Place in the same row  $3.32 \times 10^{-8}$  mol/L, as well as  $1.06 \times 10^{-7}$  mol/L, preferably

Paragraph 11, line 9, use one space for methods [28-30]

On page 3, paragraph 1, line 3, state and are not proved to be of any advantage

Paragraph 2, line 3, at the beginning of the second sentence use the first capital letter for Another published research

Paragraph 5, lines 2 and 3, state is vulnerable to oxidation

Paragraph 6, line 10, use one space for method [42]

Line 12, use comma before, but degradation

Paragraph 7, line 2, state photo diode array (PDA) detector

Line 9, 8.64 %

Use one space between the numbers and unite of measure in the entire manuscript.

Paragraph 9, line 4, put comma before, i.e. the BRZ molecule

The second sentence of this paragraph should be improved, for example as follows

The UPLC-MS/MS method for determination in rat plasma using protein precipitation was applied to the pharmacokinetic study after orally given drug.

Present Table 3, as close as possible to its first mentioning, in paragraph 12

On page 4, paragraph 1, Present Figure 10 after its first mentioning.

In Conclusion, state in Tables 1 and 2, as well as in Table 3, otherwise it is not necessary to mention the appropriate tables and figures in conclusion

In the last sentence of conclusion state the adequate solvents.

The solubility of BRZ is better in alcohol solvents, especially methanol

References within the text of the article should be cited before the sign of punctuation, according to the style of the journal.

Provide the issue numbers and last pages in references 1, 2, 13, 21, 27, 32, 49 and 57.

Provide the issue numbers in references 4, 7, 23, 35 and 51.

Provide the numbers of the last pages in references 5 and 28.

**FIELD OF EXPERTISE OF REFEREE: Materials, chemistry, medicinal and pharmaceutical chemistry, chemical technologies, nanotechnologies, biomedical engineering, spectroscopy**

**Name & Affiliation of Referee: Tamara Jovanovic, Department of Biomedical Engineering, Faculty of Mechanical Engineering, University of Belgrade, Kraljice Marije 16, 11120 Belgrade, Serbia**

Tamara Jovanovic, December 27, 2021

**SIGNATURE OF REFEREE / DATE**