

Review Form 3

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_108211
Title of the Manuscript:	Design of novel coumarin derivatives inhibitors of monoamine oxidase B (MAO_B) by the QSAR model.
Type of the Article	Original Research Article

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The present work gives deep insights into the application of QSAR modelling in designing molecules which helps for efficient screening of potent candidates as inhibitors. Thus, the research is quite beneficial for the scientific purpose in exploring the use of Insilico methods for drug discovery.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title can be rephrased as "QSAR modelling of novel coumarin derivatives for MAO-B inhibition"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract need to be rewritten as it lacks clear explanation; improper background with no problem statement mentioned & has grammatical errors.	
Are subsections and structure of the manuscript appropriate?	The methodology part should be reformatted as the author doesn't give brief description of it. References should be cited in the text as per their order in the reference section or vice versa. The structure of manuscript including figures and tables need to be corrected.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript provides detail in the usage of QSAR tool for modelling of new chemical entities as potent inhibitors of MAO-B for antiparkinson activity. Although, there are studies already published investigating potential of coumarin substrates for MAO-B inhibition using QSAR. Hence, the present study is robust to some extent but not completely novel.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References in the reference section & their citation in text should be corrected.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The use of language should be corrected & checked for grammatical errors.	
Optional/General comments	.	

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PART 2:

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

Reviewer Details:

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