

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_82773
Title of the Manuscript:	DESIGN, SYNTHESIS AND MAO INHIBITOR ACTIVITY OF CHROMAN-4- ONE DERIVATIVE
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>The paper is interesting and it could deserve publication but it has serious problems.</p> <p>1. Nevertheless the English language must be revised by someone knowing it (for example Schiff and not schiff, etc.)</p> <p>2. In the Abstract, hMAO is used but not defined.</p> <p>3. In point 2.1 please use 1, 2, 3, etc. instead of symbols.</p> <p>4. The following points are confusing. Authors must mention what they really calculated (and nothing more). After this they must mention the software used with references and not with a list of what the software does.</p> <p>5. Eliminate point 2.2 and simply state that 'the calculations were performed in.. etc.'</p> <p>6. Eliminate point 2.3 (see above point 4).</p> <p>7. About 2.4.2 Ligand preparation for pharmacophore model development: This point looks like a lecture for beginners. Some points to be clarified:</p> <ul style="list-style-type: none">• Generate Stereoisomers. Why????• Remove noncompliant structures. How????• Perform an energy minimization. What methodology was used? This is very important. <p>8. 2.4.3 Generation of the conformers.</p> <p>All the following list:</p> <ul style="list-style-type: none">• No. of steps per rotatable bond-100• Pre process minimization steps-100• Post process minimization steps-50• Force field-OPLS-2005• Maximum relative energy difference-10 Kcal/mol• RMSD-Cutoff-1Å <p>Must be placed in only one phrase, such as 'the conditions to generate conformers were: etc.'</p> <p>9. Regarding the remaining of the paper, it must be rewritten again. Authors must avoid giving trivial definition of R, SD, etc. because this is a research paper.</p> <p>10. Figs. 8 and 9 need to be done with a better software (there are many free scientific programs going better graphs. Do not forget capital letters!)</p>	<p>Reviewer has thoroughly read the paper and given important comments. Most of the comments of reviewer are authentic. I appreciate reviewer's efforts, time and knowledge of the subject.</p> <p>I have tried to resolved all the comment given by reviewer by giving my best of my knowledge and skills.</p> <p>I haven't changed the Figs. 8 and 9 for the reasons below</p> <ol style="list-style-type: none">1. I think they are suitable to publish.2. I tried some other software also but could not make better than that.
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?	(If yes, Kindly please write down the ethical issues here in details)	