



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	2014_BMRJ_9577
Title of the Manuscript:	Density Functional Theory study of the relationships between antiviral activity against the Bovine Viral Diarrhea Virus and electronic structure of an imidazo[1,2-a]pyrrolo[2,3-c]pyridine series
Type of the Article	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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	In the whole manuscript, it is not clear the antiviral mechanism(s) of the compounds described. Authors mention that the "exact antiviral action mechanism [...] is unclear". But, at least, they should speculate more in detail and on the basis of the literature, on the possible mode(s) of action and which is/are its/their possible target(s) (viral or cellular) for the exerted anti-BVDV activity.	We commented on the main target of the molecules analyzed here. Unhappily our method does not allow to suggest what is the exact target of these systems. We add a short comment on this subject.
<u>Minor</u> REVISION comments	- Some English grammar errors and inaccuracies that authors should check and correct. - In the "Introduction" section authors should briefly explain the molecular features and the modes of transmission of BVDV. - In the last sentence of the "Introduction" and "Discussion" sections the word "microscopic" should be substituted with a more appropriate word, such as "molecular". - In the "Methods" paragraph, page 2, line 39, authors should substitute the "résumé" word with a more appropriate English word.	DONE WE CHANGED THIS. <u>Résumé is an English word</u> (coming from French). Please look in any good English dictionary. Even Google Translator recognizes this word as being English.