



SDI Review Form 1.6

Journal Name:	Journal of Cancer and Tumor International
Manuscript Number:	2015_JCTI_17780
Title of the Manuscript:	Potential Antineoplastic Structural Variations of Uracil Mustard (Uramustine) Retaining Cytotoxic Activity and Drug-likeness Suitable for Oral Administration
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:

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

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	<p>Is it necessary to explain the Rule 5,</p> <p>I do not see in the text any biological variable, in order to relation the chemical pattern study with the biological activity.</p>	<p>I believe it is a good idea to restate the Rule of 5 in its whole because some readers may not have heard of it before. The Rule of 5 is a paramount guideline for identifying "druglikeness" in potential drug candidates. Using the Rule of 5 here in this study is vital for showing the favourable drug characteristics of these compounds.</p> <p>Table 2 has been added to indicate biological score for these compounds. Expert system for calculation of druglikeness score towards ion channel modulators, kinase inhibitors, protease inhibitors and other enzyme inhibitors targets based on Molinspiration technology is used to FIRMLY establish the biological activity. THIS IS AN INTERNATIONAL ACCEPTED STANDARD, USED EXTENSIVELY IN THE INDUSTRY, AND EXPLAINS BIOLOGICAL ACTIVITY.</p>



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	<p>Is it necessary to explain the criteria for obtained the 12 compounds?.</p>	<p>The selection process for the compounds is defined in the MATERIALS AND METHODS section under Molecular Modeling and Assembly of Molecular Variants. This is the explanation to find these compound analogs to uracil mustard, which was successful for acquiring 12 anti-neoplastic agents suitable for oral administration.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		