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| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4723** |
| Title of the Manuscript: | **PREPARATION AND CHARACTERIZATION OF NUCLEOSIDE ANALOGUES AND STUDYING THEIR INHIBITION EFFECT ON GOT ENZYME** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Applied Chemical Science International, 12(2): 18-23, 2021.**

[**https://mail.ikprress.org/index.php/JACSI/article/view/7182**](https://mail.ikprress.org/index.php/JACSI/article/view/7182)

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript deals with the preparation and synthesis o f** new Mannich derivatives of nucleoside cytidine and its inhibitory activities with glutamate oxaloacetate transaminase (GOT). On the basis of the inhibition ratio, inhibitors with the highest rate of inhibition was predicted to have a significant impact as inhibitors of GOT enzyme activity in human serum. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | 1. The formula inhibition percentage need to be written more specifically……..  Not like Activity using (1)/ Activity without using (I).  Please specify (1).  Minor typographic errors are there as:  1. 13C.N.M.R, 1 H.N.M.R, FT-IR techniques …….. might be 13C NMR, 1 H NMR, FT-IR techniques.  2. Finally, Hopkins and Williams company All other chemicals were supplied by Hopkins and Williams company with a high degree of purity…….. a typographic error. |  |
| Optional/General comments | Overall it is appropriate to publish provided the minor errors are corrected. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Ruby Srivastava, India**