

Review Form 3

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_128772
Title of the Manuscript:	anti-breast cancer activity of some new organoselenium compounds
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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 holds significant value for the scientific community by presenting the synthesis of novel selenazole, selenazol-nitron, and selenazine derivatives, which have potential applications in medicinal chemistry. The detailed reaction schemes and characterization of these compounds provide insight into their structural and chemical properties, advancing our understanding of selenium-based molecules	
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?	yes	
Optional/General comments	The paper would be strengthened by including a more extensive discussion of the synthetic route. While the general methods are outlined, more specific experimental details, including reagents and molar quantities, would be beneficial for reproducibility. While the anticancer data for S6 is intriguing, it would be helpful to see the compound tested in additional assays, such as apoptosis or cell cycle analysis, to provide further evidence of its mode of action. It would be valuable to discuss potential limitations or challenges in the synthesis of these compounds, such as possible side reactions or issues with yield. This would provide a more balanced view of the synthetic approach.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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