



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_44928
Title of the Manuscript:	ADVANCED DEVELOPMENTS OF DIFFERENT SYNTHETIC ROUTES OF PHTHALAZINE DERIVATIVES IN MEDICINAL CHEMISTRY
Type of the Article	Review Paper

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)
Compulsory REVISION comments	<p>This is a good compilation of various methods used for the synthesis of phthalazine derivatives and hence would be useful for synthetic / medicinal chemists. However, the article is not ready for publication in its current form. The major problem of this article is the usage of poor English and grammar. Many sentences are either not complete or do not make any sense. A thorough revision with the help of a professional English proof reader is necessary. For example, the title may be changed to "An overview of different synthetic routes for the synthesis of phthalazine derivatives". The "Medicinal Chemistry" part may be omitted because it is well understood that this types of compounds are useful for Med Chem efforts.</p> <p>The abstract should be revised to "In this review paper different methods are highlighted that are used for the synthesis of various phthalazine derivatives. The phthalazine derivatives are used as building blocks for the synthesis of other N-heterocyclic compounds that might be useful for medicinal chemistry efforts towards the discovery of new and potential drugs. The current article might be of interest for researchers working in the area of organic synthesis or medicinal / pharmaceutical / heterocyclic chemistry."</p> <p>The following references must be cited with the proper description in the text. <i>J. Med. Chem.</i> 1993, <i>36</i>, 4052; <i>J. Org. Chem.</i> 2003, <i>68</i>, 6806; <i>J. Med. Chem.</i> 1993, <i>36</i>, 4061.</p> <p>The manuscript is full of many mistakes and typographical errors, some are shown here Scheme 3: check the structures of all the compounds. The step iv is not shown in the scheme. Scheme 4: I suspect structure of 47 is wrong, please check. Also check structures of 48-51. Scheme 13: compound 13a is wrong. Scheme 16: compound "b" and "d" are same. Scheme 21: check compound 21b Scheme 23: the tautomeric structure of 23a (the enol form) is wrong These are representative examples and not an exhaustive list, the whole manuscript needs thorough checking.</p>	
Minor REVISION comments		
Optional/General comments	The manuscript is not prepared well and is not suitable for publication in its current form. However, it can be considered after a thorough and major revision	

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