

# Review of: "[Review Article] Green Strategies for the Synthesis of Quinolone Derivatives"

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**Potential competing interests:** No potential competing interests to declare.

1. The literature review article is a summary of the latest status of the research direction. There are many references in the article from research of 5 years ago, lacking timeliness, and it is recommended that the author update in time.
2. Most of the pictures in the text seem to have been compressed and have changed in format structure. It is recommended that the author adjust them, with Figure 3 and Figure 10 as the correct criteria.
3. In this paper, the author divides the abstract into five parts. However, there seem to be some problems in the division of content. For example, an introduction to the purpose of the article is lacking. It is recommended that the author amend or cancel the division. 4. In the ' SAR of Quinolones ' section of the article, the author mentioned that it is best to have a hydrogen group at position 2, but did not explain the reason clearly. Suggest the author correct this.
5. The author summarizes 23 synthetic methods of quinolone derivatives. The introduction of some of these methods is too simple. There is a lack of discussion on their advantages and disadvantages and a comparison between the methods. It is recommended to supplement.
6. In the results and discussion section, half of them are exactly the same as the abstract. It is suggested that the author should modify it and summarize it in general terms.
7. In this paper, the pharmacological activities of quinolones are introduced. It is suggested that the author supplement the mechanism of various pharmacological activities, so as to enrich the content of the article.