

# 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.

The current manuscript looks promising and suits the overall philosophy of the qeios journal. However, following are some queries/comments addressing which would uplift the quality and suitability of the manuscript. I recommend acceptance of the manuscript after minor revision.

1. All the chemical structures should be redrawn in ChemDraw, or simply select the structures and follow the ACS 1996 format, as all the structures are not properly drawn.
2. Cite some of the notable literature reports pertaining to quinoline synthesis in the introduction segment at the appropriate place in the introduction section:
  - a) Batista, V. Pinto, D.C.G.A. Silva, A.M.S. Synthesis of Quinolines: A Green Perspective, *ACS Sustainable Chem. Eng.* 2016, 4, 8, 4064–4078, <https://doi.org/10.1021/acssuschemeng.6b01010>
  - b) Glover, Taruna; Singh, Navneet; Vaja, Maulikkumar, Insights into Quinoline in Context of Conventional versus Green Synthesis, <https://doi.org/10.2174/0113852728268691231009063856>
  - c) Asim Kumar, Tejas M. Dhameliya, Kirti Sharma, Krupa A. Patel, Rajvi V. Hirani, Environmentally Benign Approaches towards the Synthesis of Quinolines, *ChemistrySelect*, 7, 2022, e202201059, <https://doi.org/10.1002/slct.202201059>
  - d) Babita Tanwar, Asim Kumar, Perumal Yogeewari, Dharmarajan Sriram, Asit K Chakraborti,\* "Design, Development of New Synthetic Methodology, and Biological Evaluation of Substituted Quinolines as New Anti-tubercular Leads", *Bioorg. Med. Chem. Lett.* **2016**, *26*, 5960-5966
3. Include a paragraph also about the anti-tubercular potential of quinoline derivatives, mentioning specifically Bedaquiline, and draw its structure.
4. Draw a comprehensive figure (ChemDraw) wherein the chemical structures of some of the drug molecules containing a quinoline scaffold will be included.

I recommend acceptance of the manuscript after addressing the above-mentioned queries/comments.