

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

Hülya Karaca ¹

¹ Anadolu University

Potential competing interests: No potential competing interests to declare.

This content seems to be a well-prepared review focusing on the advancements in green chemistry methods for establishing quinolone scaffolds. The review highlights the importance of green chemistry in reducing the environmental and health impacts of chemical synthesis, especially in the development of pharmaceuticals. It also emphasizes the various methods available for synthesizing quinolone derivatives, including microwave-assisted, solvent-free, photocatalyst, biocatalyst, ultra-sonication-mediated, catalyst-free, and green solvent reactions. The review concludes by suggesting that these advancements will help scientists develop non-toxic and eco-friendly techniques for the synthesis and development of novel drugs. Overall, it appears to be a comprehensive and informative review on the subject.