

## Documents

Onikanni, S.A.<sup>a b</sup>, Lawal, B.<sup>c</sup>, Fadaka, A.O.<sup>d</sup>, Bakare, O.<sup>e</sup>, Adewole, E.<sup>f</sup>, Taher, M.<sup>g h</sup>, Khotib, J.<sup>i</sup>, Susanti, D.<sup>j</sup>, Oyinloye, B.E.<sup>b k l</sup>, Ajiboye, B.O.<sup>l m</sup>, Ojo, O.A.<sup>n</sup>, Sibuyi, N.R.S.<sup>d o</sup>

**Computational and Preclinical Prediction of the Antimicrobial Properties of an Agent Isolated from *Monodora myristica*: A Novel DNA Gyrase Inhibitor**  
(2023) *Molecules*, 28 (4), art. no. 1593, .

**DOI:** 10.3390/molecules28041593

<sup>a</sup> College of Medicine, Graduate Institute of Biomedical Sciences, China Medical University, Taichung, 40402, Taiwan

<sup>b</sup> Biochemistry Unit, Department of Chemical Sciences, Afe Babalola University, Ado-Ekiti, 360101, Nigeria

<sup>c</sup> Department of Pathology, University of Pittsburgh, Pittsburgh, PA 15213, United States

<sup>d</sup> Department of Biotechnology, University of the Western Cape, Bellville, 7530, South Africa

<sup>e</sup> Department of Biochemistry, Faculty of Science, Adekunle Ajasin University, Akungba Akoko, 342111, Nigeria

<sup>f</sup> Industrial Chemistry Unit, Department of Chemical Sciences, Afe Babalola University, Ado-Ekiti, 360101, Nigeria

<sup>g</sup> Department of Pharmaceutical Technology, Kulliyah of Pharmacy, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

<sup>h</sup> Pharmaceutics and Translational Research Group, Kulliyah of Pharmacy, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

<sup>i</sup> Department of Pharmacy Practice, Faculty of Pharmacy, Airlangga University, Surabaya, 60115, Indonesia

<sup>j</sup> Department of Chemistry, Kulliyah of Science, International Islamic University Malaysia, Pahang, Kuantan, 25200, Malaysia

<sup>k</sup> Biotechnology and Structural Biology (BSB) Group, Department of Biochemistry and Microbiology, University of Zululand, Kwadlangezwa3886, South Africa

<sup>l</sup> Institute of Drug Research and Development, SE Bogoro Center, Afe Babalola University, PMB 5454, Ado-Ekiti, 360001, Nigeria

<sup>m</sup> Phytomedicine and Molecular Toxicology Research Laboratory, Department of Biochemistry, Federal University Oye-Ekiti, Ekiti, Oye, 371104, Nigeria

<sup>n</sup> Phytomedicine, Molecular Toxicology, and Computational Biochemistry Research Laboratory (PMTCB-RL), Department of Biochemistry, Bowen University, Iwo, 232101, Nigeria

<sup>o</sup> Health Platform, Advanced Materials Division, Mintek, Randburg, 2194, South Africa

**Correspondence Address**

Onikanni S.A.; College of Medicine, Taiwan; email: onikannisa@abuad.edu.ng

Khotib J.; Department of Pharmacy Practice, Indonesia; email: junaidi-k@ff.unair.ac.id

Ajiboye B.O.; Institute of Drug Research and Development, PMB 5454, Nigeria; email: basiru.ajiboye@fuoye.edu.ng

**Publisher:** MDPI

**ISSN:** 14203049

**CODEN:** MOLEF

**PubMed ID:** 36838579

**Language of Original Document:** English

**Abbreviated Source Title:** Molecules  
2-s2.0-85149053021  
**Document Type:** Article  
**Publication Stage:** Final  
**Source:** Scopus

---

**ELSEVIER**

Copyright © 2023 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

 **RELX Group™**