






Protective Role of *Aframomum melegueta* against Monosodium Glutamate-induced Prostate Damage in Rats



Asiat Na Allah¹ , Umar Muhammad Ghali^{2,*} , Şevki Adem² , Nadia Mohammed Salama Kurzama² , Qendresa Hoti³  and Fatimah Abubakar¹

¹Department of Biochemistry, Faculty of Pure and Applied Sciences, Kwara State University, Malete, P.M.B. 1530, Ilorin, Oyo, Kwara State, Nigeria

²Department of Chemistry, Faculty of Science, Cankiri Karatekin University, Cankiri, 18100, Turkey

³Department of Biochemistry, College of Medical Sciences "REZONANCA" Prishtina, Kosovo.

© 2026 The Author(s). Published by Bentham Open.

This is an open access article distributed under the terms of the Creative Commons Attribution 4.0 International Public License (CC-BY 4.0), a copy of which is available at: <https://creativecommons.org/licenses/by/4.0/legalcode>. This license permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.



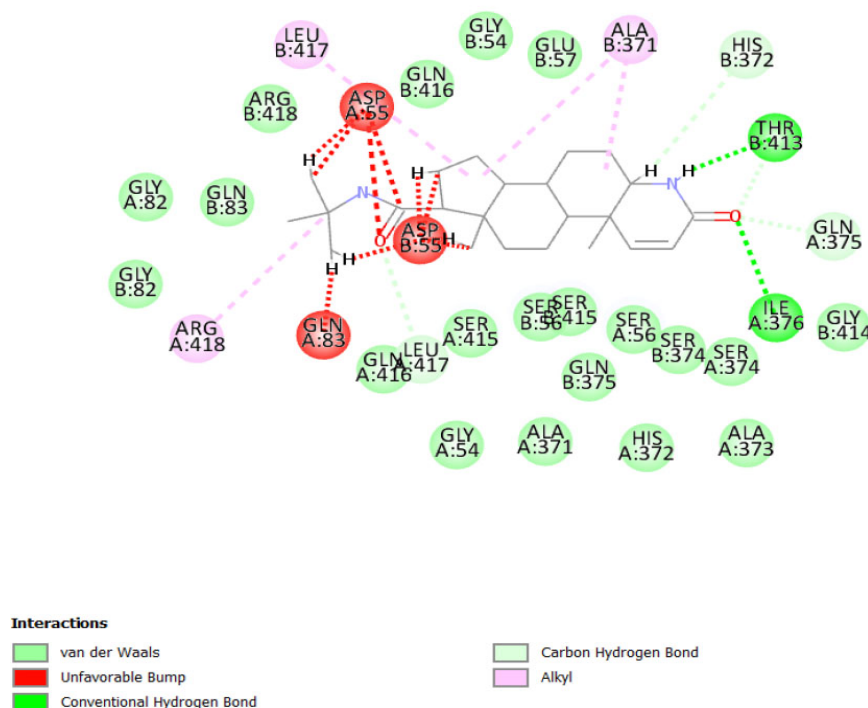
*Address correspondence to this author at the Department of Chemistry, Faculty of Science, Cankiri Karatekin University, Cankiri, 18100, Turkey; E-mail: umarghali18@gmail.com

Published: April 08, 2026

Cite as: Allah A, Ghali U, Adem Ş, Kurzama N, Hoti Q, Abubakar F. Protective Role of *Aframomum melegueta* against Monosodium Glutamate-induced Prostate Damage in Rats. Open Med Chem J, 2026; 20: e18741045417598. <http://dx.doi.org/10.2174/0118741045417598260403110551>



Send Orders for Reprints to reprints@benthamscience.net



Finasteride

Fig. (S1). Interactions of finasteride with ALP.

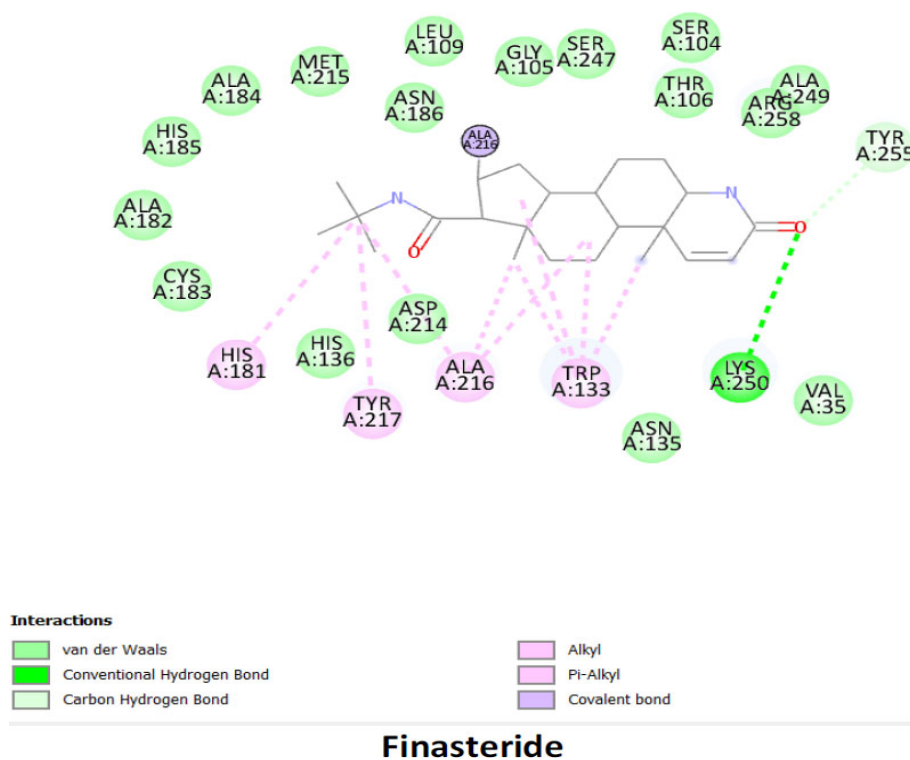


Fig. (S2). Interactions of finasteride with AST.

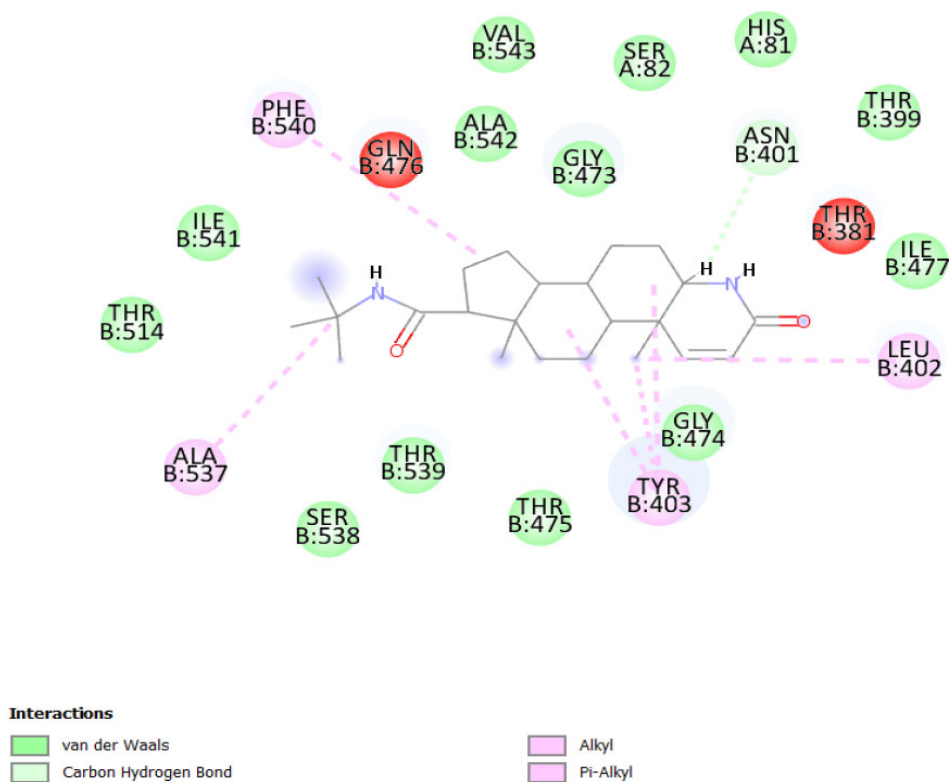


Fig. (S3). 2D interactions of finasteride with GGT.

DISCLAIMER: The above article has been published, as is, ahead-of-print, to provide early visibility but is not the final version. Major publication processes like copyediting, proofing, typesetting and further review are still to be done and may lead to changes in the final published version, if it is eventually published. All legal disclaimers that apply to the final published article also apply to this ahead-of-print version.