

Accepted Manuscript

Recent advances of imidazole-containing derivatives as anti-tubercular agents

Yi-Lei Fan, Xiao-Hong Jin, Zhong-Ping Huang, Hai-Feng Yu, Zhi-Gang Zeng, Tao Gao, Lian-Shun Feng



PII: S0223-5234(18)30251-4

DOI: [10.1016/j.ejmech.2018.03.016](https://doi.org/10.1016/j.ejmech.2018.03.016)

Reference: EJMECH 10281

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 15 February 2018

Revised Date: 2 March 2018

Accepted Date: 4 March 2018

Please cite this article as: Y.-L. Fan, X.-H. Jin, Z.-P. Huang, H.-F. Yu, Z.-G. Zeng, T. Gao, L.-S. Feng, Recent advances of imidazole-containing derivatives as anti-tubercular agents, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.03.016.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Graphical Abstract

Recent advances of imidazole-containing derivatives as anti-tubercular agents

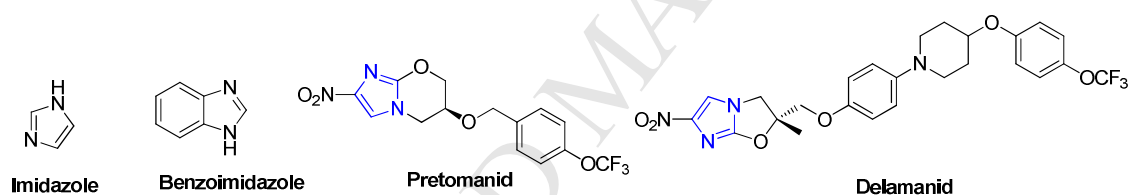
Yi-Lei Fan^{1,a}, Xiao-Hong Jin^{1,b}, Zhong-Ping Huang^{*,c}, Hai-Feng Yu^b, Zhi-Gang Zeng^b, Tao Gao^{*,b}, Lian-Shun Feng^d

^aKey Laboratory of Drug Prevention and Control Technology of Zhejiang Province, Zhejiang Police College, Hangzhou, P R China;

^bSchool of Nuclear Technology and Chemistry & Biology, Hubei University of Science and Technology, Xianning 437100, P R China;

^cCollege of Chemical Engineering, Zhejiang University of Technology, Hangzhou, P R China;

^dSynthetic and Functional Biomolecules Center, Peking University, Beijing, P R China



This review outlined the recent advances of imidazole-containing derivatives as anti-tubercular agents, and summarized the structure-activity relationship of these derivatives. The enriched structure-activity relationship may pave the way for the further rational development of imidazole-containing derivatives as anti-tubercular agents.

Download English Version:

<https://daneshyari.com/en/article/7796468>

Download Persian Version:

<https://daneshyari.com/article/7796468>

[Daneshyari.com](https://daneshyari.com)