

Accepted Manuscript

Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents

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PII: S0223-5234(16)30062-9

DOI: [10.1016/j.ejmech.2016.01.054](https://doi.org/10.1016/j.ejmech.2016.01.054)

Reference: EJMECH 8344

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 23 May 2015

Revised Date: 25 January 2016

Accepted Date: 29 January 2016

Please cite this article as: M. Mohammadi-Khanaposhtani, M. Shabani, M. Faizi, I. Aghaei, R. Jahani, Z. Sharafi, N.S. Zafarghandi, M. Mahdavi, T. Akbarzadeh, S. Emami, A. Shafiee, A. Foroumadi, Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents, *European Journal of Medicinal Chemistry* (2016), doi: 10.1016/j.ejmech.2016.01.054.

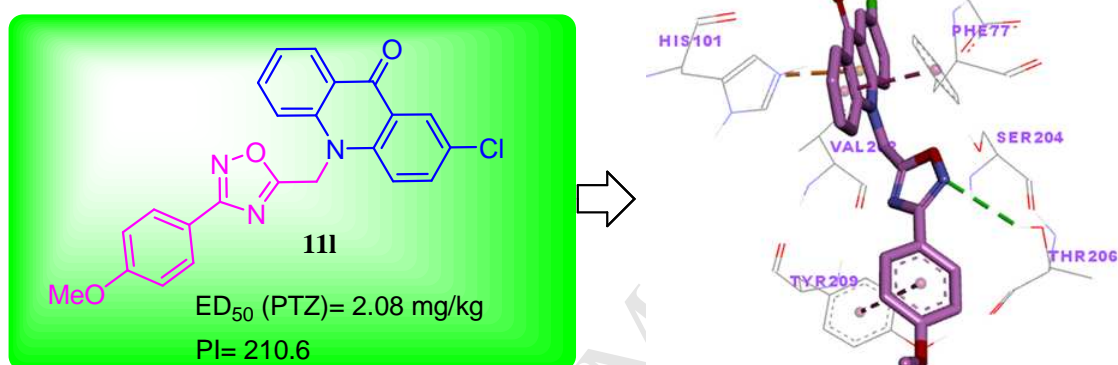
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Graphical Abstract

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A series of acridone-based oxadiazoles were synthesized and evaluated as new anticonvulsant agents. The 2-chloro-acridinone derivative **111** was the most potent compound in the PTZ test.

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